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ABSTRACT

The 160 tests cited in this bibliography are used to assess students' skills acquired in various industrial arts areas, which include electronics assembly, drill press, electrical wiring, automobile mechanic assistant, woodworking, and other technical and vocational education fields. These tests are all for grades nine through adult including postsecondary education. This document is one in a series of topical bibliographies from the Test Collection (TC) at Educational Testing Service (ETS) containing descriptions of more than 18,000 tests and other measurement devices prepared by commercial publishers, teachers, educational institutions, professional associations, departments of education, counselors, etc. Each description contains the following basic information: TC Accession Number (a six-digit identification number assigned by the Test Collection); the title of the instrument; personal or institutional author; year of publication or copyright; availability source; grade level for which test is suitable; age level for which test is suitable; and abstract. Other information, which is provided when known, includes subtests, number of test items, and time required to complete the test. Information on accessing the Test Collection via Internet concludes the document. (RMB)

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ETS TEST COLLECTION

ANNOTATED BIBLIOGRAPHY OF TESTS

INDUSTRIAL ARTS

GRADES 7–12

ED 369 790

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Educational Testing Service
Princeton, New Jersey

TEST COLLECTION
EDUCATIONAL TESTING SERVICE
PRINCETON, NJ 08541

INDUSTRIAL ARTS, GRADES 7-12
SEPTEMBER 1990

SUPERSEDES FEBRUARY, 1988 EDITION

INTRODUCTION

Scope of Bibliography

The tests described in this bibliography assess skills acquired in various industrial arts areas, such as electronics assembly, drill press, electrical wiring, automobile mechanic assistant, woodworking, and other technical and vocational education fields.

Availability

Copies of the tests described on the following pages must be obtained directly from the publisher, as stated in the AV AVAILABILITY section of each test citation. Generally, the Test Collection does not have distribution rights for its holdings. However, in special instances, the Test Collection has been granted permission from individual authors to distribute their tests, which are primarily research instruments. The AV AVAILABILITY information for these instruments will be Tests in Microfiche, Test Collection, Educational Testing Service, Princeton, NJ 08541.

Guide to Citation Elements

The following is a guide to the various elements which may be present in a test citation:

AN - Six-digit identification number assigned by the Test Collection

TI - Name of the instrument

DT - Components within the overall test which assess particular skills or factors

AU - Personal or institutional author

YR - Year test was published or copyrighted

AV - Test publisher or distributor; the organization which sells or distributes the instrument

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GL - List of grades for which test is suitable

TG - List of ages for which test is suitable

AB - A description of the test and its purpose

AN ACCESSION NUMBER: TC016484 ETS 8911.
TI TITLE: Compute-A-Match.
DT SUBTESTS: Vocational Aptitudes Battery (VAB); Cognitive and Conceptual Test (C-CAT); Vocational Interest Inventory (VII); Temperament Factor Assessment (TFA); Assessment of Work Attitudes (AWA).
AU INSTITUTIONAL AUTHOR: PESCO International, Pleasantville, NY.
YR YEAR: 87.
AV AVAILABILITY: Progressive Evaluation Systems Company; 21 Spaulding Street, Pleasantville, NY 10570.
GL GRADE LEVEL: 7; 8; 9; 10; 11; 12.
AB ABSTRACT: Computerized assessment and placement systems for junior high school and high school vocational education students. Measures eleven vocational aptitudes. Automatically scores and interprets test results and then matches evaluees to training programs and jobs. Matches evaluees to potential local employees in any zip code area. Utilizes all the factors established by the Department of Labor for classifying jobs in performing matches. Contains all job titles and descriptions from the Dictionary of Occupational Titles. Units are portable, enabling off-site evaluation. Can be administered non-sequentially and simultaneously to as many as twelve people.

AN ACCESSION NUMBER: TC016347 ETS 8908.
TI TITLE: Student Occupational Competency Achievement Testing: Production Agriculture.
AU INSTITUTIONAL AUTHOR: National Occupational Competency Testing Institute, Big Rapids, MI.
AV AVAILABILITY: National Occupational Competency Testing Institute; 409 Bishop Hall, Ferris State University, Big Rapids, MI 49307.
GL GRADE LEVEL: 9; 10; 11; 12; Higher Education.
AB ABSTRACT: This test is part of a program developed to evaluate secondary and postsecondary vocational students with a standardized, objective measure. Each test consists of a multiple-choice portion covering factual knowledge, technical information, understanding of principles and problem solving abilities related to the occupation. A performance component samples manipulative skills required. A mental ability test is also available. The written test covers farm mangement and recordkeeping, animal science, plant science, leadership and employability, agricultural mechanics. The performance test covers animal science, agricultural mechanics, farm management, recordkeeping, and plant science.

AN ACCESSION NUMBER: TC016206 ETS 8908.
TI TITLE: Career Exploration Series, SCI-O, 1988 Revision.
AU AUTHOR: Cutler-Arthur; And Others.
YR YEAR: 86.
AV AVAILABILITY: CFKR Career Materials; P.O. Box 437; Meadow Vista, CA 95722.
AB ABSTRACT: One of a series of job interest inventories that focus on

specific occupational fields. Useful in vocational education programs. Is designed as a career guidance tool and takes subject through the following steps: self assessment, job exploration, job matching, and decision making. Computer versions are also available. SCI-O covers scientific, mathematical, and health occupations.

AN ACCESSION NUMBER: TC016205 ETS 8908.
TI TITLE: Career Exploration Series, IND-O, 1988 Revision.
AU AUTHOR: Cutler-Arthur; And Others.
YR YEAR: 88.
AV AVAILABILITY: CFKR Career Materials; P.O. Box 437; Meadow Vista, CA 95722.
AB ABSTRACT: One of a series of job interest inventories that focus on specific occupational fields. Useful in vocational education programs. Is designed as a career guidance tool and takes subject through the following steps: self assessment, job exploration, job matching, and decision making. Computer versions are also available. IND-O covers the following areas: industrial/production; construction; transportation; machine operators; engineering and design; mechanics-repairers.

AN ACCESSION NUMBER: TC016204 ETS 8908.
TI TITLE: Career Exploration Series, DAC-O, 1988 Revision.
AU AUTHOR: Cutler-Arthur; And Others.
YR YEAR: 88.
AV AVAILABILITY: CFKR Career Materials; P.O. Box 437; Meadow Vista, CA 95722.
TG TARGET AUDIENCE: AGE 13-17, Adults.
NT NOTES:
TIME: 50; approx.
AB ABSTRACT: One of a series of job interest inventories that focus on specific occupational fields. Useful in vocational education programs. Is designed as a career guidance tool and takes subject through the following steps: self assessment, job exploration, job matching, and decision making. Computer versions are also available. DAC-O covers design, art, and communications occupations.

AN ACCESSION NUMBER: TC016203 ETS 8908.
TI TITLE: Career Exploration Series, CER-O, 1988 Revision.
AU AUTHOR: Cutler-Arthur; And Others.
YR YEAR: 88.
AV AVAILABILITY: CFKR Career Materials; P.O. Box 437; Meadow Vista, CA 95722.
TG TARGET AUDIENCE: AGE 13-17, Adults.
NT NOTES:
TIME: 50; approx.
AB ABSTRACT: One of a series of job interest inventories that focus on specific occupational fields. Useful in vocational education

programs. Is designed as a career guidance tool and takes subject through the following steps: self assessment, job exploration, job matching, and decision making. Computer versions are also available. CER-O covers consumer economics and related occupations.

AN ACCESSION NUMBER: TC016202 ETS 8908.
TI TITLE: Career Exploration Series, BIZ-O, 1988 Revision.
AU AUTHOR: Cutler-Arthur; And Others.
YR YEAR: 88.
AV AVAILABILITY: CFKR Career Materials; P.O. Box 437; Meadow Vista, CA 95722.
TG TARGET AUDIENCE: AGE 13-17, Adults.
NT NOTES:
TIME: 50; approx.
AB ABSTRACT: One of a series of job interest inventories that focus on specific occupational fields. Useful in vocational education programs. Is designed as a career guidance tool and takes subject through the following steps: self assessment, job exploration, job matching, and decision making. Computer versions are also available. BIZ-O covers sales, clerical, management-administrative-personnel, computers and office machines, consultant-educational, and creative work.

AN ACCESSION NUMBER: TC016201 ETS 8908.
TI TITLE: Career Exploration Series, AG-O, 1988 Revision.
AU AUTHOR: Cutler-Arthur; And Others.
YR YEAR: 86.
AV AVAILABILITY: CFKR Career Materials; P.O. Box 437; Meadow Vista, CA 95722.
TG TARGET AUDIENCE: AGE 13-17, Adults.
NT NOTES:
TIME: 50; approx.
AB ABSTRACT: One of a series of job interest inventories that focus on specific occupational fields. Useful in vocational education programs. Is designed as a career guidance tool and takes subject through the following steps: self assessment, job exploration, job matching, and decision making. Computer versions are also available. AG-O covers agricultural, forestry, and conservation occupations.

AN ACCESSION NUMBER: TC016114 ETS 8904.
TI TITLE: Voc-Tech Quick Screener.
DT SUBTESTS: Design/Graphics/Communication; Science/Engineering Technicians; Agriculture/Animal and Forestry; Protective Services; Mechanical/Craftsmanship Trades/Industrial Production Trades; Administrative Support/Clerical; Marketing/Sales; Personal Services and Food/Beverage Services; Health Service and Health Technicians; Marketing/Sales; Design/Graphics/Communication.
AU AUTHOR: Kauk-Robert; Robinett-Robert.

YR YEAR: 88.
AV AVAILABILITY: CKFR Career Materials; Box 437; Meadow Vista, CA 95722.
TG TARGET AUDIENCE: Adults.
NT NOTES:
TIME: 10.
ITEMS: 20.
AB ABSTRACT: This interest inventory was designed to assist the portion of the work force that does not attend college to explore careers that do not require college degrees. Useful with those who will attend rehabilitation programs, vocational courses, apprenticeship training, private vocational and technical schools, community and junior college programs and military training programs. The VTQS matches occupational interests with vocational/technical occupational clusters. A computerized version is available for Apple II, IBM and compatibles and TRS-80.

AN ACCESSION NUMBER: TC015888 ETS 8908.
TI TITLE: Student Occupational Competency Achievement Testing: Warehousing Services.
AU INSTITUTIONAL AUTHOR: National Occupational Competency Testing Institute, Big Rapids, MI.
YR YEAR: 88.
AV AVAILABILITY: National Occupational Competency Testing Institute; 409 Bishop Hall, Ferris State University, Big Rapids, MI 49307.
GL GRADE LEVEL: 9; 10; 11; 12; Higher Education.
NT NOTES:
TIME: 315.
ITEMS: 167.
AB ABSTRACT: This test is part of a program developed to evaluate secondary and postsecondary vocational students with a standardized, objective measure. Each test consists of a multiple-choice portion covering factual knowledge, technical information, understanding of principles and problem solving abilities related to the occupation. A performance component samples manipulative skills required. A mental ability test is also available. The written test covers inventory and control, equipment, purchasing, shipping and distribution, receiving, equipment safety, palleted skids, general information. The performance test covers inventory control, shipping procedures, and purchasing.

AN ACCESSION NUMBER: TC015887 ETS 8908.
TI TITLE: Student Occupational Competency Achievement Testing: Upholstering.
AU INSTITUTIONAL AUTHOR: National Occupational Competency Testing Institute, Big Rapids, MI.
YR YEAR: 88.
AV AVAILABILITY: National Occupational Competency Testing Institute; 409 Bishop Hall, Ferris State University, Big Rapids, MI 49307.

GL GRADE LEVEL: 9; 10; 11; 12; Higher Education.
NT NOTES:
TIME: 320.
ITEMS: 176.
AB ABSTRACT: This test is part of a program developed to evaluate secondary and postsecondary vocational students with a standardized, objective measure. Each test consists of a multiple-choice portion covering factual knowledge, technical information, understanding of principles and problem solving abilities related to the occupation. A performance component samples manipulative skills required. A mental ability test is also available. The written test covers frame preparation, tools and equipment, cushioning, covering, foundation and body work, finishing and trimming, general information, and estimating. The performance test covers handling fabric, mounting fabric, and working with coil springs.

AN ACCESSION NUMBER: TC015886 ETS 8908.
TI TITLE: Student Occupational Competency Achievement Testing: Sheet Metal.
AU INSTITUTIONAL AUTHOR: National Occupational Competency Testing Institute, Big Rapids, MI.
YR YEAR: 88.
AV AVAILABILITY: National Occupational Competency Testing Institute; 409 Bishop Hall, Ferris State University, Big Rapids, MI 49307.
GL GRADE LEVEL: 9; 10; 11; 12; Higher Education.
NT NOTES:
TIME: 390.
ITEMS: 153.
AB ABSTRACT: This test is part of a program developed to evaluate secondary and postsecondary vocational students with a standardized, objective measure. Each test consists of a multiple-choice portion covering factual knowledge, technical information, understanding of principles and problem solving abilities related to the occupation. A performance component samples manipulative skills required. A mental ability test is also available. The written test covers ductwork, general shop practices, fiberglass, sheet metal layout, general information, and safety. The performance test covers center piece construction, end piece construction, round piece construction, and layout.

AN ACCESSION NUMBER: TC015885 ETS 8908.
TI TITLE: Student Occupational Competency Achievement Testing: Painting and Decorating.
AU INSTITUTIONAL AUTHOR: National Occupational Competency Testing Institute, Big Rapids, MI.
YR YEAR: 88.
AV AVAILABILITY: National Occupational Competency Testing Institute; 409 Bishop Hall, Ferris State University, Big Rapids, MI 49307.
GL GRADE LEVEL: 9; 10; 11; 12; Higher Education.

NT NOTES:
TIME: 300.
ITEMS: 151.
AB ABSTRACT: This test is part of a program developed to evaluate secondary and postsecondary vocational students with a standardized, objective measure. Each test consists of a multiple-choice portion covering factual knowledge, technical information, understanding of principles and problem solving abilities related to the occupation. A performance component samples manipulative skills required. A mental ability test is also available. The written test covers equipment, color, wall covering, wood finishing, interior and exterior painting, special wall finishes, and safety. The performance test covers interior or exterior wall painting, dry wall repair, and glass replacement.

AN ACCESSION NUMBER: TC015884 ETS 8908.
TI TITLE: Student Occupational Competency Achievement Testing: Nursing Assisting.
AU INSTITUTIONAL AUTHOR: National Occupational Competency Testing Institute, Big Rapids, MI.
YR YEAR: 88.
AV AVAILABILITY: National Occupational Competency Testing Institute; 409 Bishop Hall, Ferris State University, Big Rapids, MI 49307.
GL GRADE LEVEL: 9; 10; 11; 12; Higher Education.
NT NOTES:
TIME: 270.
ITEMS: 160.
AB ABSTRACT: This test is part of a program developed to evaluate secondary and postsecondary vocational students with a standardized, objective measure. Each test consists of a multiple-choice portion covering factual knowledge, technical information, understanding of principles and problem solving abilities related to the occupation. A performance component samples manipulative skills required. A mental ability test is also available. The written test covers assisting with diagnostic studies; assisting with hydration, nutrition, and elimination; observing and communicating; assisting with mobility, positioning, range of motion; maintaining safety; assisting with personal hygiene; employability skills. The performance test covers vital signs, urine testing, patient transfer, making of occupied beds, and isolation garments.

AN ACCESSION NUMBER: TC015883 ETS 8908.
TI TITLE: Student Occupational Competency Achievement Testing: Metalworking and Fabrication.
AU INSTITUTIONAL AUTHOR: National Occupational Competency Testing Institute, Big Rapids, MI.
YR YEAR: 88.
AV AVAILABILITY: National Occupational Competency Testing Institute; 409 Bishop Hall, Ferris State University, Big Rapids, MI 49307.

GL GRADE LEVEL: 9; 10; 11; 12; Higher Education.
NT NOTES:
TIME: 480.
ITEMS: 160.
AB ABSTRACT: This test is part of a program developed to evaluate secondary and postsecondary vocational students with a standardized, objective measure. Each test consists of a multiple-choice portion covering factual knowledge, technical information, understanding of principles and problem solving abilities related to the occupation. A performance component samples manipulative skills required. A mental ability test is also available. The written test covers welding terms and symbols, related theory, benchwork and layout, lathes, sawing, milling, drilling, grinding, shielded metal arc welding, oxyacetylene welding, gas tungsten arc welding, gas metal arc welding. The performance test covers oxyacetylene welding, machining, shielded metal arc welding.

AN ACCESSION NUMBER: TC015882 ETS 8908.
TI TITLE: Student Occupational Competency Achievement Testing: Medical Assisting.
AU INSTITUTIONAL AUTHOR: National Occupational Competency Testing Institute, Big Rapids, MI.
YR YEAR: 88.
AV AVAILABILITY: National Occupational Competency Testing Institute; 409 Bishop Hall, Ferris State University, Big Rapids, MI 49307.
GL GRADE LEVEL: 9; 10; 11; 12; Higher Education.
NT NOTES:
TIME: 180.
ITEMS: 168.
AB ABSTRACT: This test is part of a program developed to evaluate secondary and postsecondary vocational students with a standardized, objective measure. Each test consists of a multiple-choice portion covering factual knowledge, technical information, understanding of principles and problem solving abilities related to the occupation. A performance component samples manipulative skills required. A mental ability test is also available. The written test covers clinical assisting, laboratory procedures and equipment, medical terminology, anatomy and physiology, patient instruction, radiology, diagnostic procedures and equipment, electrocardiography, medical ethics and law. The performance test covers laboratory procedures, diagnostic procedures, clinical procedures, and general office procedures.

AN ACCESSION NUMBER: TC015881 ETS 8908.
TI TITLE: Student Occupational Competency Achievement Testing: Mechanical Drafting.
AU INSTITUTIONAL AUTHOR: National Occupational Competency Testing Institute, Big Rapids, MI.
YR YEAR: 88.

AV AVAILABILITY: National Occupational Competency Testing Institute; 409 Bishop Hall, Ferris State University, Big Rapids, MI 49307.
GL GRADE LEVEL: 9; 10; 11; 12; Higher Education.
NT NOTES:
TIME: 360.
ITEMS: 167.
AB ABSTRACT: This test is part of a program developed to evaluate secondary and postsecondary vocational students with a standardized, objective measure. Each test consists of a multiple-choice portion covering factual knowledge, technical information, understanding of principles and problem solving abilities related to the occupation. A performance component samples manipulative skills required. A mental ability test is also available. The written test covers drafting equipment and tools, pictorial and drawing skills, orthographic projections, sectioning, drawing preparation, drafting room practices, threads and fasteners, cams and gears, pulleys, machine assembly and casting, dimensioning, tolerance, symbols, computations. The performance test covers orthographic drawing, tolerances, dimensions, completion of missing views.

AN ACCESSION NUMBER: TC015880 ETS 8908.
TI TITLE: Student Occupational Competency Achievement Testing: Marketing and Distributive Education.
AU INSTITUTIONAL AUTHOR: National Occupational Competency Testing Institute, Big Rapids, MI.
YR YEAR: 88.
AV AVAILABILITY: National Occupational Competency Testing Institute; 409 Bishop Hall, Ferris State University, Big Rapids, MI 49307.
GL GRADE LEVEL: 9; 10; 11; 12; Higher Education.
NT NOTES:
TIME: 345.
ITEMS: 170.
AB ABSTRACT: This test is part of a program developed to evaluate secondary and postsecondary vocational students with a standardized, objective measure. Each test consists of a multiple-choice portion covering factual knowledge, technical information, understanding of principles and problem solving abilities related to the occupation. A performance component samples manipulative skills required. A mental ability test is also available. The written test covers advertising, economics, communications, general management, marketing, selling, electronic marketing, customer service, related mathematics, entrepreneurship, human relations, career development, employment preparation. The performance test covers design principles, sales presentation, human relations case study, job application, and interviews.

AN ACCESSION NUMBER: TC015879 ETS 8908.
TI TITLE: Student Occupational Competency Achievement Testing: Home Health Aide.
AU INSTITUTIONAL AUTHOR: National Occupational Competency Testing Institute, Big Rapids, MI.
YR YEAR: 88.
AV AVAILABILITY: National Occupational Competency Testing Institute; 409 Bishop Hall, Ferris State University, Big Rapids, MI 49307.
GL GRADE LEVEL: 9; 10; 11; 12; Higher Education.
NT NOTES:
TIME: 300.
ITEMS: 138.
AB ABSTRACT: This test is part of a program developed to evaluate secondary and postsecondary vocational students with a standardized, objective measure. Each test consists of a multiple-choice portion covering factual knowledge, technical information, understanding of principles and problem solving abilities related to the occupation. A performance component samples manipulative skills required. A mental ability test is also available. The written test covers reporting, recording, abbreviations, vocabulary, first aid, vital signs, nutrition, elimination, basic emergency measures, patient care, positioning, employability skills, safety. The performance test covers vital signs, infant care, bedmaking, first aid, patient transfer, and measurement of fluids.

AN ACCESSION NUMBER: TC015878 ETS 8908.
TI TITLE: Student Occupational Competency Achievement Testing: Heavy Equipment Maintenance and Repair.
AU INSTITUTIONAL AUTHOR: National Occupational Competency Testing Institute, Big Rapids, MI.
YR YEAR: 88.
AV AVAILABILITY: National Occupational Competency Testing Institute; 409 Bishop Hall, Ferris State University, Big Rapids, MI 49307.
GL GRADE LEVEL: 9; 10; 11; 12; Higher Education.
NT NOTES:
TIME: 360.
ITEMS: 180.
AB ABSTRACT: This test is part of a program developed to evaluate secondary and postsecondary vocational students with a standardized, objective measure. Each test consists of a multiple-choice portion covering factual knowledge, technical information, understanding of principles and problem solving abilities related to the occupation. A performance component samples manipulative skills required. A mental ability test is also available. The written test covers electrical system, engines, power train, air system, hydraulic systems, welding, braking system, cooling system, preventive maintenance. The performance test covers valve grinding and adjustments, oil pressure measurement, cooling system testing, adjustments to clutch assembly, brake adjustments, setting of bearing preload, cutting/welding.

AN ACCESSION NUMBER: TC015877 ETS 8908.
TI TITLE: Student Occupational Competency Achievement Testing: Health Assistant.
AU INSTITUTIONAL AUTHOR: National Occupational Competency Testing Institute, Big Rapids, MI.
YR YEAR: 88.
AV AVAILABILITY: National Occupational Competency Testing Institute; 409 Bishop Hall, Ferris State University, Big Rapids, MI 49307.
GL GRADE LEVEL: 9; 10; 11; 12; Higher Education.
NT NOTES:
TIME: 270.
ITEMS: 151.
AB ABSTRACT: This test is part of a program developed to evaluate secondary and postsecondary vocational students with a standardized, objective measure. Each test consists of a multiple-choice portion covering factual knowledge, technical information, understanding of principles and problem solving abilities related to the occupation. A performance component samples manipulative skills required. A mental ability test is also available. The written test covers observation and communication, job responsibilities, health assistant skills, and medical terminology. The performance test covers patient medical records, vital signs, handwashing, patient transfer, patient preparation, and bed making.

AN ACCESSION NUMBER: TC015876 ETS 8908.
TI TITLE: Student Occupational Competency Achievement Testing: General Drafting and Design.
AU INSTITUTIONAL AUTHOR: National Occupational Competency Testing Institute, Big Rapids, MI.
YR YEAR: 88.
AV AVAILABILITY: National Occupational Competency Testing Institute; 409 Bishop Hall, Ferris State University, Big Rapids, MI 49307.
GL GRADE LEVEL: 9; 10; 11; 12; Higher Education.
NT NOTES:
TIME: 360.
ITEMS: 173.
AB ABSTRACT: This test is part of a program developed to evaluate secondary and postsecondary vocational students with a standardized, objective measure. Each test consists of a multiple-choice portion covering factual knowledge, technical information, understanding of principles and problem solving abilities related to the occupation. A performance component samples manipulative skills required. A mental ability test is also available. The written test covers basic drawing skills, preparing to draw, introduction to drafting, calculations used in drawing, mechanical drafting, systems drafting, architectural drafting, drafting with machines. The performance test covers sheet metal development, section drawing, threaded assembly, constructions, architectural drawing, machined part, auxiliary view.

AN ACCESSION NUMBER: TC015875 ETS 8908.
TI TITLE: Student Occupational Competency Achievement Testing: Forestry Products and Processing.
AU INSTITUTIONAL AUTHOR: National Occupational Competency Testing Institute, Big Rapids, MI.
YR YEAR: 88.
AV AVAILABILITY: National Occupational Competency Testing Institute; 409 Bishop Hall, Ferris State University, Big Rapids, MI 49307.
GL GRADE LEVEL: 9; 10; 11; 12; Higher Education.
NT NOTES:
TIME: 180.
ITEMS: 157.
AB ABSTRACT: This test is part of a program developed to evaluate secondary and postsecondary vocational students with a standardized, objective measure. Each test consists of a multiple-choice portion covering factual knowledge, technical information, understanding of principles and problem solving abilities related to the occupation. A performance component samples manipulative skills required. A mental ability test is also available. The written test covers forest protection, silvaculture, tree identification, wildlife, sawmilling, forest ecology, forest management, diesel engines, hydraulics, logging/harvesting, timber cruising, surveying, chain saw, business management, employability skills, safety. The performance test covers tree felling, chain saw care, lumber grading, plot layout, calculation of load capacity, log scaling, leaf identification, calculation of acreage, employment application.

AN ACCESSION NUMBER: TC015874 ETS 8908.
TI TITLE: Student Occupational Competency Achievement Testing: Food Production, Management and Services.
AU INSTITUTIONAL AUTHOR: National Occupational Competency Testing Institute, Big Rapids, MI.
YR YEAR: 88.
AV AVAILABILITY: National Occupational Competency Testing Institute; 409 Bishop Hall, Ferris State University, Big Rapids, MI 49307.
GL GRADE LEVEL: 9; 10; 11; 12; Higher Education.
NT NOTES:
TIME: 375.
ITEMS: 160.
AB ABSTRACT: This test is part of a program developed to evaluate secondary and postsecondary vocational students with a standardized, objective measure. Each test consists of a multiple-choice portion covering factual knowledge, technical information, understanding of principles and problem solving abilities related to the occupation. A performance component samples manipulative skills required. A mental ability test is also available. The written test covers large and small equipment, food preparation, baking, management and employment skills, customer service, sanitation, safety. The performance test covers food preparation, recipes, equipment/tools, food service, and safety/sanitation.

AN ACCESSION NUMBER: TC015873 ETS 8908.
TI TITLE: Student Occupational Competency Achievement Testing: Electronic Technology.
AU INSTITUTIONAL AUTHOR: National Occupational Competency Testing Institute, Big Rapids, MI.
YR YEAR: 88.
AV AVAILABILITY: National Occupational Competency Testing Institute; 409 Bishop Hall, Ferris State University, Big Rapids, MI 49307.
GL GRADE LEVEL: 9; 10; 11; 12; Higher Education.
NT NOTES:
TIME: 275.
ITEMS: 160.
AB ABSTRACT: This test is part of a program developed to evaluate secondary and postsecondary vocational students with a standardized, objective measure. Each test consists of a multiple-choice portion covering factual knowledge, technical information, understanding of principles and problem solving abilities related to the occupation. A performance component samples manipulative skills required. A mental ability test is also available. The written test covers soldering, schematic symbols, measurement, op amps, semiconductors and components, power supplies, alternating current, direct current, digital, logic, oscilloscopes, microprocessors, communications, safety. The performance test covers digital logic analysis, circuit construction, multimeter, use of oscilloscope.

AN ACCESSION NUMBER: TC015872 ETS 8908.
TI TITLE: Student Occupational Competency Achievement Testing: Electromechanical Technology.
AU INSTITUTIONAL AUTHOR: National Occupational Competency Testing Institute, Big Rapids, MI.
YR YEAR: 88.
AV AVAILABILITY: National Occupational Competency Testing Institute; 409 Bishop Hall, Ferris State University, Big Rapids, MI 49307.
GL GRADE LEVEL: 9; 10; 11; 12; Higher Education.
NT NOTES:
TIME: 360.
ITEMS: 185.
AB ABSTRACT: This test is part of a program developed to evaluate secondary and postsecondary vocational students with a standardized, objective measure. Each test consists of a multiple-choice portion covering factual knowledge, technical information, understanding of principles and problem solving abilities related to the occupation. A performance component samples manipulative skills required. A mental ability test is also available. The written test covers fluid power, electrical power, general information, and control. The performance test covers motor rating, circuits, motor connection, and current power.

AN ACCESSION NUMBER: TC015871 ETS 8908.
TI TITLE: Student Occupational Competency Achievement Testing: Electrical Technology.
AU INSTITUTIONAL AUTHOR: National Occupational Competency Testing Institute, Big Rapids, MI.
YR YEAR: 88.
AV AVAILABILITY: National Occupational Competency Testing Institute; 409 Bishop Hall, Ferris State University, Big Rapids, MI 49307.
GL GRADE LEVEL: 9; 10; 11; 12; Higher Education.
NT NOTES:
TIME: 360.
ITEMS: 159.
AB ABSTRACT: This test is part of a program developed to evaluate secondary and postsecondary vocational students with a standardized, objective measure. Each test consists of a multiple-choice portion covering factual knowledge, technical information, understanding of principles and problem solving abilities related to the occupation. A performance component samples manipulative skills required. A mental ability test is also available. The written test covers generators/alternators, meters, direct current, alternating current, motor controls, motors, transformers, general information, and National Electrical Code. The performance test covers materials, circuit design, installation, wiring, and testing.

AN ACCESSION NUMBER: TC015870 ETS 8908.
TI TITLE: Student Occupational Competency Achievement Testing: Electrical Occupations.
AU INSTITUTIONAL AUTHOR: National Occupational Competency Testing Institute, Big Rapids, MI.
YR YEAR: 88.
AV AVAILABILITY: National Occupational Competency Testing Institute; 409 Bishop Hall, Ferris State University, Big Rapids, MI 49307.
GL GRADE LEVEL: 9; 10; 11; 12; Higher Education.
NT NOTES:
TIME: 360.
ITEMS: 183.
AB ABSTRACT: This test is part of a program developed to evaluate secondary and postsecondary vocational students with a standardized, objective measure. Each test consists of a multiple-choice portion covering factual knowledge, technical information, understanding of principles and problem solving abilities related to the occupation. A performance component samples manipulative skills required. A mental ability test is also available. The written test covers motors and motor controls, National Electrical Code, materials, tools, blueprint reading and estimating, alternating current, direct current, safety. The performance test covers drawings/diagrams, wiring, use of tools, component mounting, and economy of time.

AN ACCESSION NUMBER: TC015869 ETS 8908.
TI TITLE: Student Occupational Competency Achievement Testing: Electrical Construction/Maintenance.
AU INSTITUTIONAL AUTHOR: National Occupational Competency Testing Institute, Big Rapids, MI.
YR YEAR: 88.
AV AVAILABILITY: National Occupational Competency Testing Institute; 409 Bishop Hall, Ferris State University, Big Rapids, MI 49307.
GL GRADE LEVEL: 9; 10; 11; 12; Higher Education.
NT NOTES:
TIME: 345.
ITEMS: 158.
AB ABSTRACT: This test is part of a program developed to evaluate secondary and postsecondary vocational students with a standardized, objective measure. Each test consists of a multiple-choice portion covering factual knowledge, technical information, understanding of principles and problem solving abilities related to the occupation. A performance component samples manipulative skills required. A mental ability test is also available. The written test covers meters/measurements, symbols/architectural drawings, general information, materials, National Electrical Code, basic electricity, and installation. The performance test covers conduit bending, wiring diagram, motor control, and service installation.

AN ACCESSION NUMBER: TC015868 ETS 8908.
TI TITLE: Student Occupational Competency Achievement Testing: Diversified Occupations.
AU INSTITUTIONAL AUTHOR: National Occupational Competency Testing Institute, Big Rapids, MI.
YR YEAR: 88.
AV AVAILABILITY: National Occupational Competency Testing Institute; 409 Bishop Hall, Ferris State University, Big Rapids, MI 49307.
GL GRADE LEVEL: 9; 10; 11; 12; Higher Education.
NT NOTES:
TIME: 180.
ITEMS: 152.
AB ABSTRACT: This test is part of a program developed to evaluate secondary and postsecondary vocational students with a standardized, objective measure. Each test consists of a multiple-choice portion covering factual knowledge, technical information, understanding of principles and problem solving abilities related to the occupation. A mental ability test is also available. The written test covers human relations, consumer skills, orientation, employment acquisition, employment retention, communications development, legal awareness, youth organizations, health and safety. There is no performance test.

AN ACCESSION NUMBER: TC015867 ETS 8908.
TI TITLE: Student Occupational Competency Achievement Testing: Diesel Engine Mechanic.
AU INSTITUTIONAL AUTHOR: National Occupational Competency Testing Institute, Big Rapids, MI.
YR YEAR: 88.
AV AVAILABILITY: National Occupational Competency Testing Institute; 409 Bishop Hall, Ferris State University, Big Rapids, MI 49307.
GL GRADE LEVEL: 9; 10; 11; 12; Higher Education.
NT NOTES:
TIME: 330.
ITEMS: 179.
AB ABSTRACT: This test is part of a program developed to evaluate secondary and postsecondary vocational students with a standardized, objective measure. Each test consists of a multiple-choice portion covering factual knowledge, technical information, understanding of principles and problem solving abilities related to the occupation. A performance component samples manipulative skills required. A mental ability test is also available. The written test covers servicing diesel fuel system; rebuilding engines; shop equipment; engine disassembly; maintaining and servicing cooling and lubrication systems; servicing intake and exhaust systems; testing and servicing electrical systems; maintenance testing and engine operation; maintaining and servicing cylinder heads; servicing flywheel, clutch, and transmission; safety. The performance test covers battery testing, clutch adjustment, drilling, tapping, engine repair.

AN ACCESSION NUMBER: TC015866 ETS 8908.
TI TITLE: Student Occupational Competency Achievement Testing: Dental Assisting.
AU INSTITUTIONAL AUTHOR: National Occupational Competency Testing Institute, Big Rapids, MI.
YR YEAR: 88.
AV AVAILABILITY: National Occupational Competency Testing Institute; 409 Bishop Hall, Ferris State University, Big Rapids, MI 49307.
GL GRADE LEVEL: 9; 10; 11; 12; Higher Education.
NT NOTES:
TIME: 285.
ITEMS: 166.
AB ABSTRACT: This test is part of a program developed to evaluate secondary and postsecondary vocational students with a standardized, objective measure. Each test consists of a multiple-choice portion covering factual knowledge, technical information, understanding of principles and problem solving abilities related to the occupation. A performance component samples manipulative skills required. A mental ability test is also available. The written test covers dental materials, laboratory skills, chairside skills, dental science/related skills, dental radiology, related theory and skills. The performance test covers instruments, radiographs, handwashing, autoclave, insurance forms, syringes.

AN ACCESSION NUMBER: TC015865 ETS 8908.
TI TITLE: Student Occupational Competency Achievement Testing: Computer and Information Science.
AU INSTITUTIONAL AUTHOR: National Occupational Competency Testing Institute, Big Rapids, MI.
YR YEAR: 88.
AV AVAILABILITY: National Occupational Competency Testing Institute; 409 Bishop Hall, Ferris State University, Big Rapids, MI 49307.
GL GRADE LEVEL: 9; 10; 11; 12; Higher Education.
NT NOTES:
TIME: 420.
ITEMS: 181.
AB ABSTRACT: This test is part of a program developed to evaluate secondary and postsecondary vocational students with a standardized, objective measure. Each test consists of a multiple-choice portion covering factual knowledge, technical information, understanding of principles and problem solving abilities related to the occupation. A performance component samples manipulative skills required. A mental ability test is also available. The written test covers information technology uses, related mathematics, computer programming languages, applications software, computer literacy, computer user skills, computer programming concepts. The performance test covers spreadsheet application; word processing or text writer application; coding of program in BASIC, FORTRAN, or PASCAL; database application; diskette backup.

AN ACCESSION NUMBER: TC015863 ETS 8908.
TI TITLE: Student Occupational Competency Achievement Testing: Commercial Art.
AU INSTITUTIONAL AUTHOR: National Occupational Competency Testing Institute, Big Rapids, MI.
YR YEAR: 88.
AV AVAILABILITY: National Occupational Competency Testing Institute; 409 Bishop Hall, Ferris State University, Big Rapids, MI 49307.
GL GRADE LEVEL: 9; 10; 11; 12; Higher Education.
NT NOTES:
TIME: 345.
ITEMS: 154.
AB ABSTRACT: This test is part of a program developed to evaluate secondary and postsecondary vocational students with a standardized, objective measure. Each test consists of a multiple-choice portion covering factual knowledge, technical information, understanding of principles and problem solving abilities related to the occupation. A performance component samples manipulative skills required. A mental ability test is also available. The written test covers graphic design, paper, photography, color, computer graphics, typography, product illustration/rendering, drawing, production. The performance test covers creation of graph, hand lettering, creation of mechanical, production of brochure, creation of geometric design.

AN ACCESSION NUMBER: TC015862 ETS 8908.
TI TITLE: Student Occupational Competency Achievement Testing: Clothing and Textiles Management and Production.
AU INSTITUTIONAL AUTHOR: National Occupational Competency Testing Institute, Big Rapids, MI.
YR YEAR: 88.
AV AVAILABILITY: National Occupational Competency Testing Institute; 409 Bishop Hall, Ferris State University, Big Rapids, MI 49307.
GL GRADE LEVEL: 9; 10; 11; 12; Higher Education.
NT NOTES:
TIME: 360.
ITEMS: 156.
AB ABSTRACT: This test is part of a program developed to evaluate secondary and postsecondary vocational students with a standardized, objective measure. Each test consists of a multiple-choice portion covering factual knowledge, technical information, understanding of principles and problem solving abilities related to the occupation. A performance component samples manipulative skills required. A mental ability test is also available. The written test covers design and color, textiles, construction, sewing machine, patternmaking, alterations, fasteners, manufacturing, mathematics. The performance test covers zipper insertion, seam construction, alterations, garment construction.

AN ACCESSION NUMBER: TC015861 ETS 8908.
TI TITLE: Student Occupational Competency Achievement Testing: Civil Technology (Field Test).
AU INSTITUTIONAL AUTHOR: National Occupational Competency Testing Institute, Big Rapids, MI.
YR YEAR: 88.
AV AVAILABILITY: National Occupational Competency Testing Institute; 409 Bishop Hall, Ferris State University, Big Rapids, MI 49307.
GL GRADE LEVEL: 9; 10; 11; 12; Higher Education.
NT NOTES:
TIME: 180.
ITEMS: 179.
AB ABSTRACT: This test is part of a program developed to evaluate secondary and postsecondary vocational students with a standardized, objective measure. Each test consists of a multiple-choice portion covering factual knowledge, technical information, understanding of principles and problem solving abilities related to the occupation. A performance component samples manipulative skills required. A mental ability test is also available. The written test covers foundations, general architectural technology, surveying and leveling, general drafting, framing and environmental, concrete and structural steel, sectional technology, engineering technology, cost analysis, construction technology. The performance test covers line drawing, data tables, profile level notes, contour lines, architectural drawing.

AN ACCESSION NUMBER: TC015860 ETS 8908.
TI TITLE: Student Occupational Competency Achievement Testing: Child Care Services.
AU INSTITUTIONAL AUTHOR: National Occupational Competency Testing Institute, Big Rapids, MI.
YR YEAR: 88.
AV AVAILABILITY: National Occupational Competency Testing Institute; 409 Bishop Hall, Ferris State University, Big Rapids, MI 49307.
GL GRADE LEVEL: 9; 10; 11; 12; Higher Education.
NT NOTES:
TIME: 180.
ITEMS: 179.
AB ABSTRACT: This test is part of a program developed to evaluate secondary and postsecondary vocational students with a standardized, objective measure. Each test consists of a multiple-choice portion covering factual knowledge, technical information, understanding of principles and problem solving abilities related to the occupation. A performance component samples manipulative skills required. A mental ability test is also available. The written test covers development of the young child, positive relationships with families, learning environment, advanced social and emotional development, intellectual competence, professionalism, positive guidance, program management. The performance test covers development of learning activity, development of lesson plan, employment application, self-evaluation.

AN ACCESSION NUMBER: TC015859 ETS 8908.
TI TITLE: Student Occupational Competency Achievement Testing: Cabinetmaking.
AU INSTITUTIONAL AUTHOR: National Occupational Competency Testing Institute, Big Rapids, MI.
YR YEAR: 87.
AV AVAILABILITY: National Occupational Competency Testing Institute; 409 Bishop Hall, Ferris State University, Big Rapids, MI 49307.
GL GRADE LEVEL: 9; 10; 11; 12; Higher Education.
NT NOTES:
TIME: 480.
ITEMS: 168.
AB ABSTRACT: This test is part of a program developed to evaluate secondary and postsecondary vocational students with a standardized, objective measure. Each test consists of a multiple-choice portion covering factual knowledge, technical information, understanding of principles and problem solving abilities related to the occupation. A performance component samples manipulative skills required. A mental ability test is also available. The written test covers power saving; drill and drill press; router, shaper, jointer, planer; safety; joint construction; casework design and layout; cutting, shaping, assembling, installing, finishing, transporting casework

components; fastening; sanding; cylindrical work. The performance test covers selection of materials, use of hand tools, use of machines, planning, layout, preparation of joints, casework assembly, safety.

AN ACCESSION NUMBER: TC015858 ETS 8908.
TI TITLE: Student Occupational Competency Achievement Testing: Business Data Processing.
AU INSTITUTIONAL AUTHOR: National Occupational Competency Testing Institute, Big Rapids, MI.
YR YEAR: 88.
AV AVAILABILITY: National Occupational Competency Testing Institute; 409 Bishop Hall, Ferris State University, Big Rapids, MI 49307.
GL GRADE LEVEL: 9; 10; 11; 12; Higher Education.
NT NOTES:
TIME: 375.
ITEMS: 171.
AB ABSTRACT: This test is part of a program developed to evaluate secondary and postsecondary vocational students with a standardized, objective measure. Each test consists of a multiple-choice portion covering factual knowledge, technical information, understanding of principles and problem solving abilities related to the occupation. A performance component samples manipulative skills required. A mental ability test is also available. The written test covers data entry, word processing, systems, computer literacy, computer operations, accounting, computer programming. The performance test covers backup diskette; use of word processing, spreadsheet, and database application packages; program coding in BASIC, COBOL, or RPG.

AN ACCESSION NUMBER: TC015857 ETS 8908.
TI TITLE: Student Occupational Competency Achievement Testing: Building Trades Maintenance.
AU INSTITUTIONAL AUTHOR: National Occupational Competency Testing Institute, Big Rapids, MI.
YR YEAR: 88.
AV AVAILABILITY: National Occupational Competency Testing Institute; 409 Bishop Hall, Ferris State University, Big Rapids, MI 49307.
GL GRADE LEVEL: 9; 10; 11; 12; Higher Education.
NT NOTES:
TIME: 180.
ITEMS: 176.
AB ABSTRACT: This test is part of a program developed to evaluate secondary and postsecondary vocational students with a standardized, objective measure. Each test consists of a multiple-choice portion covering factual knowledge, technical information, understanding of principles and problem solving abilities related to the occupation. A performance component samples manipulative skills required. A mental ability test is also available. The written test covers

general maintenance, tools, carpentry, grounds and equipment maintenance, masonry, plumbing, sheet metal and welding, painting, glazing, wall covering, hydraulics/pneumatics, electrical, heating, ventilation, air conditioning. The performance test covers plumbing repairs, rough and finish wiring, masonry repair, dry wall installation, carpentry, grounds maintenance.

AN ACCESSION NUMBER: TC015856 ETS 8908.
TI TITLE: Student Occupational Competency Achievement Testing: Building Construction Occupations.
AU INSTITUTIONAL AUTHOR: National Occupational Competency Testing Institute, Big Rapids, MI.
AV AVAILABILITY: National Occupational Competency Testing Institute; 409 Bishop Hall, Ferris State University, Big Rapids, MI 49307.
GL GRADE LEVEL: 9; 10; 11; 12; Higher Education.
NT NOTES:
TIME: 330.
ITEMS: 172.
AB ABSTRACT: This test is part of a program developed to evaluate secondary and postsecondary vocational students with a standardized, objective measure. Each test consists of a multiple-choice portion covering factual knowledge, technical information, understanding of principles and problem solving abilities related to the occupation. A performance component samples manipulative skills required. A mental ability test is also available. The written test covers general building construction, blueprint reading, electrical, painting and decorating, plumbing and heating, general safety. The performance test covers plumbing, carpentry, electrical, and masonry.

AN ACCESSION NUMBER: TC015855 ETS 8908.
TI TITLE: Student Occupational Competency Achievement Testing: Baking.
AU INSTITUTIONAL AUTHOR: National Occupational Competency Testing Institute, Big Rapids, MI.
YR YEAR: 88.
AV AVAILABILITY: National Occupational Competency Testing Institute; 409 Bishop Hall, Ferris State University, Big Rapids, MI 49307.
GL GRADE LEVEL: 9; 10; 11; 12; Higher Education.
NT NOTES:
TIME: 180.
ITEMS: 167.
AB ABSTRACT: This test is part of a program developed to evaluate secondary and postsecondary vocational students with a standardized, objective measure. Each test consists of a multiple-choice portion covering factual knowledge, technical information, understanding of principles and problem solving abilities related to the occupation. A performance component samples manipulative skills required. A mental ability test is also available. The written test covers

general baking knowledge and terminology, cakes, cookies, breads and yeast doughs, donuts, pastry and pies, safety, sanitation, math. The performance test covers preparation of soft roll dough, formation of danish items, cake decorating, pie making, baking.

AN ACCESSION NUMBER: TC015854 ETS 8908.
TI TITLE: Student Occupational Competency Achievement Testing: Automotive Specialist (Field Test).
AU INSTITUTIONAL AUTHOR: National Occupational Competency Testing Institute, Big Rapids, MI.
YR YEAR: 88.
AV AVAILABILITY: National Occupational Competency Testing Institute; 409 Bishop Hall, Ferris State University, Big Rapids, MI 49307.
GL GRADE LEVEL: 9; 10; 11; 12; Higher Education.
NT NOTES:
TIME: 360.
ITEMS: 166.
AB ABSTRACT: This test is part of a program developed to evaluate secondary and postsecondary vocational students with a standardized, objective measure. Each test consists of a multiple-choice portion covering factual knowledge, technical information, understanding of principles and problem solving abilities related to the occupation. A performance component samples manipulative skills required. A mental ability test is also available. The written test covers fluids and lubes, tires, chassis, fuel systems, electrical systems, brakes, cooling systems, towing and road service, merchandising. The performance test covers vehicle inspection, lubrication, tire service, battery testing, headlamp service, inspection and testing of cooling system.

AN ACCESSION NUMBER: TC015853 ETS 8908.
TI TITLE: Student Occupational Competency Achievement Testing: Audio-Visual Communications.
AU INSTITUTIONAL AUTHOR: National Occupational Competency Testing Institute, Big Rapids, MI.
YR YEAR: 88.
AV AVAILABILITY: National Occupational Competency Testing Institute; 409 Bishop Hall, Ferris State University, Big Rapids, MI 49307.
GL GRADE LEVEL: 9; 10; 11; 12; Higher Education.
NT NOTES:
TIME: 360.
ITEMS: 165.
AB ABSTRACT: This test is part of a program developed to evaluate secondary and postsecondary vocational students with a standardized, objective measure. Each test consists of a multiple-choice portion covering factual knowledge, technical information, understanding of principles and problem solving abilities related to the occupation. A performance component samples manipulative skills required. A mental ability test is also available. The written test covers

theory and history, broadcasting rules and regulations, a/v equipment and materials, technology, lighting, 35mm cameras and lenses, camera handling, film, darkroom procedures, "on-air" practices, finishing/professionalism, video. The performance test covers photography, video production, film repair, slide presentation, creation of commercial announcement.

AN ACCESSION NUMBER: TC015852 ETS 8908.
TI TITLE: Student Occupational Competency Achievement Testing: Architectural Design.
AU INSTITUTIONAL AUTHOR: National Occupational Competency Testing Institute, Big Rapids, MI.
YR YEAR: 88.
AV AVAILABILITY: National Occupational Competency Testing Institute; 409 Bishop Hall, Ferris State University, Big Rapids, MI 49307.
GL GRADE LEVEL: 9; 10; 11; 12; Higher Education.
NT NOTES:
TIME: 330.
ITEMS: 167.
AB ABSTRACT: This test is part of a program developed to evaluate secondary and postsecondary vocational students with a standardized, objective measure. Each test consists of a multiple-choice portion covering factual knowledge, technical information, understanding of principles and problem solving abilities related to the occupation. A performance component samples manipulative skills required. A mental ability test is also available. The written test covers architectural drafting tools and techniques; site layout and plot plan; light framing; plumbing; heating, ventilating, and air conditioning; computer aided drafting. The performance test covers development of plot plan, symbols, carpentry layouts, plumbing layouts.

AN ACCESSION NUMBER: TC015851 ETS 8908.
TI TITLE: Student Occupational Competency Achievement Testing: Appliance Repair.
AU INSTITUTIONAL AUTHOR: National Occupational Competency Testing Institute, Big Rapids, MI.
YR YEAR: 88.
AV AVAILABILITY: National Occupational Competency Testing Institute; 409 Bishop Hall, Ferris State University, Big Rapids, MI 49307.
GL GRADE LEVEL: 9; 10; 11; 12; Higher Education.
NT NOTES:
TIME: 360.
ITEMS: 169.
AB ABSTRACT: This test is part of a program developed to evaluate secondary and postsecondary vocational students with a standardized, objective measure. Each test consists of a multiple-choice portion covering factual knowledge, technical information, understanding of principles and problem solving abilities related to the occupation.

A performance component samples manipulative skills required. A mental ability test is also available. The written test covers laundry equipment, hot water heaters, dishwashers and garbage disposals, gas and electric ranges, radar ovens, refrigerators, freezers, air conditioners, vacuum cleaners, small appliances, basic electricity. The performance test covers identification of motor windings; troubleshooting and repair of small appliances, dishwashers, clothes washers and dryers, refrigerators and freezers, ranges.

AN ACCESSION NUMBER: TC015828 ETS 8901.
TI TITLE: Student Occupational Competency Achievement Testing: Electronics.
AU INSTITUTIONAL AUTHOR: National Occupational Competency Testing Institute, Big Rapids, MI.
YR YEAR: 88.
AV AVAILABILITY: National Occupational Competency Testing Institute; Ferris State College, 409 Bishop Hall, Big Rapids, MI 49307.
GL GRADE LEVEL: 9; 10; 11; 12; Higher Education.
NT NOTES:
TIME: 360.
ITEMS: 151.
AB ABSTRACT: This test is part of a program developed to evaluate secondary and postsecondary vocational students with a standardized, objective measure. Each test consists of a multiple choice portion covering factual knowledge, technical information, understanding of principles and problem solving abilities related to the occupation. A performance component samples manipulative skills required. A mental ability test is also available. The written test covers DC circuits, AC circuits, solid state circuits, digital circuits, and use of equipment. The performance test covers tests and measurements, selection of components, circuit construction, desoldering, soldering, use of time, and safety.

AN ACCESSION NUMBER: TC015827 ETS 8901.
TI TITLE: Student Occupational Competency Achievement Testing: Graphic Arts.
AU INSTITUTIONAL AUTHOR: National Occupational Competency Testing Institute, Big Rapids, MI.
YR YEAR: 86.
AV AVAILABILITY: National Occupational Competency Testing Institute; Ferris State College, 409 Bishop Hall, Big Rapids, MI 49307.
GL GRADE LEVEL: 9; 10; 11; 12; Higher Education.
NT NOTES:
TIME: 330.
ITEMS: 175.
AB ABSTRACT: This test is part of a program developed to evaluate secondary and postsecondary vocational students with a standardized, objective measure. Each test consists of a multiple choice portion

covering factual knowledge, technical information, understanding of principles and problem solving abilities related to the occupation. A performance component samples manipulative skills required. A mental ability test is also available. The written test covers presswork, camera and darkroom, composition, stripping and platemaking, finishing/paper, copy preparation, layout and design. There is a choice of one, two, or three performance tests. Performance test 1 covers copy preparation; performance test 2 covers darkroom, stripping, and platemaking; performance test 3 covers presswork and finishing.

AN ACCESSION NUMBER: TC015826 ETS 8901.
TI TITLE: Student Occupational Competency Achievement Testing: Home Entertainment Equipment Repair.
AU INSTITUTIONAL AUTHOR: National Occupational Competency Testing Institute, Big Rapids, MI.
YR YEAR: 88.
AV AVAILABILITY: National Occupational Competency Testing Institute; Ferris State College, 409 Bishop Hall, Big Rapids, MI 49307.
GL GRADE LEVEL: 9; 10; 11; 12; Higher Education.
NT NOTES:
TIME: 300; approx.
AB ABSTRACT: This test is part of a program developed to evaluate secondary and postsecondary vocational students with a standardized, objective measure. Each test consists of a multiple choice portion covering factual knowledge, technical information, understanding of principles and problem solving abilities related to the occupation. A performance component samples manipulative skills required. A mental ability test is also available. The written test covers basic information, use of equipment, television/video circuits, radio/audio circuits, audio and video tape systems, antennas, audio disk players, and occupational safety. The performance test covers basic information, television/video circuits, radio/audio circuits, audio and video tape systems, troubleshooting, use of equipment, safety, and economy of time.

AN ACCESSION NUMBER: TC015586 ETS 8904.
TI TITLE: Microcomputer Evaluation of Career Areas.
DT SUBTESTS: Automotive; Building Maintenance; Cosmetology; Graphic Design; Custodial Housekeeping; Electronics; Small Engines; Food Service; Health Care; Business and Office; Manufacturing; Distribution; Construction; Horticulture; Computers.
AU AUTHOR: Schmitz-Terry.
AV AVAILABILITY: Conover Company; P.O. Box 155; Omro, WI 54963.
GL GRADE LEVEL: 7; 8; 9; 10; 11; 12.
NT NOTES:
TIME: 120; Approx.
AB ABSTRACT: This system was designed for use in secondary education for occupational exploration. Uses a work or job sample approach,

assessing multiple traits with each assessment unit. Traits are keyed to a specific job title which is also part of a major career interest area within a worker trait group described in the Dictionary of Occupational Titles. Uses actual materials common to the performance of job tasks. Each work sample is administered on an Apple computer. Work is timed and time norms are used as are quality norms. A rating of interest is obtained from the student.

AN ACCESSION NUMBER: TC015266 ETS 8904.
TI TITLE: Dunn Model for Assessment and Placement.
AU AUTHOR: Dunn-Billy-Ray; And Others.
YR YEAR: 84.
AV AVAILABILITY: National Clearinghouse of Rehabilitation Training Materials; 115 Old USDA Building, Oklahoma State University, Stillwater, OK 74078.
TG TARGET AUDIENCE: AGE 14-17, Adults.
AB ABSTRACT: Helps vocational education administrators place handicapped students in appropriate vocational curricula. Consists of a systematic examination of a school's curriculum; assessment of the student's achievement, ability, aptitude, work sample proficiency, and interest; and counseling and reevaluation. Particularly useful for persons who have some knowledge of standardized tests, yet are not certified to use restricted tests. Also included is an extensive synopsis of 25 related unrestricted tests.

AN ACCESSION NUMBER: TC015261 ETS 8908.
TI TITLE: Student Occupational Competency Achievement Testing: Auto Diesel Mechanics (Field Test).
AU INSTITUTIONAL AUTHOR: National Occupational Competency Testing Institute, Big Rapids, MI.
AV AVAILABILITY: National Occupational Competency Testing Institute; 409 Bishop Hall, Ferris State University, Big Rapids, MI 49307.
GL GRADE LEVEL: 9; 10; 11; 12; Higher Education.
NT NOTES:
TIME: 360.
ITEMS: 196.
AB ABSTRACT: This test is part of a program developed to evaluate secondary and postsecondary vocational students with a standardized, objective measure. Each test consists of a multiple-choice portion covering factual knowledge, technical information, understanding of principles and problem solving abilities related to the occupation. A performance component samples manipulative skills required. A mental ability test is also available. The written test covers test equipment, suspension and alignment, brakes, engine repair, gasoline and diesel engine performance, automatic transmission, heating/air

conditioning, electrical systems, manual transmission/rear axle. The performance test covers inspection and repair of brake system, inspection and repair of electrical system, minor tune-up, testing and repair of diesel fuel system.

AN ACCESSION NUMBER: TC015142 ETS 8710.
TI TITLE: Career Programs Assessment.
DT SUBTESTS: Language Usage Test; Reading Skills Test; Numerical Skills Test.
AU INSTITUTIONAL AUTHOR: American College Testing Program, Iowa City, IA.
YR YEAR: 87.
AV AVAILABILITY: CPAt Coordinator; ACT Operations Division, 2255 North Dubuque Road, Iowa City, IA 52243.
TG TARGET AUDIENCE: Adults.
NT NOTES:
TIME: 60; approx.
ITEMS: 110.
AB ABSTRACT: An assessment program designed to measure basic skills (Language Usage, Reading and Numeric) of students planning to attend career schools and colleges and other postsecondary institutions offering specific, job-related educational programs. Information from this instrument can be used to determine remediation strategies; and, when used with specialized follow-up reports, can provide information on the effectiveness of these strategies. A Student Information Section gathers information on the student's background and goals which can be used in advising and retention efforts, marketing activities, and institutional reporting.

AN ACCESSION NUMBER: TC015127 ETS 8710.
TI TITLE: National Business Competency Tests, Accounting Procedures Test, Trial Edition.
AU INSTITUTIONAL AUTHOR: National Business Education Association, Reston, VA.
YR YEAR: 84.
AV AVAILABILITY: National Business Education Association; 1914 Association Drive, Reston, VA 22091.
GL GRADE LEVEL: 9; 10; 11; 12.
TG TARGET AUDIENCE: Adults.
NT NOTES:
ITEMS: 80.
AB ABSTRACT: The test consists of two parts and a supplementary page on microcomputers in accounting. Part I is a series of multiple-choice questions based on payroll records, a bank reconciliation, and a worksheet for a merchandising business. Part II is a journalizing and posting project with source documents. Students with one year of accounting may not finish the test.

AN ACCESSION NUMBER: TC015126 ETS 8710.
TI TITLE: National Business Competency Tests, Secretarial Procedures Test.
AU INSTITUTIONAL AUTHOR: National Business Education Association, Reston, VA.
YR YEAR: 83.
AV AVAILABILITY: National Business Education Association; 1914 Association Drive, Reston, VA 22091.
GL GRADE LEVEL: 9; 10; 11; 12.
TG TARGET AUDIENCE: Adults.
NT NOTES:
ITEMS: 60.
AB ABSTRACT: The test consists of two parts. Part 1 consists of three jobs: a job application form, secretarial procedures information, and editing. Part 2 requires a typewriter and consists of the scheduling and performance of six tasks. These include updating a calendar, typing minutes of a meeting, typing a letter and envelope, typing an agenda, a memo, and a purchase order.

AN ACCESSION NUMBER: TC015125 ETS 8710.
TI TITLE: National Business Competency Tests, Stenographic Test.
AU INSTITUTIONAL AUTHOR: National Business Education Association, Reston, VA.
YR YEAR: 72.
AV AVAILABILITY: National Business Education Association; 1914 Association Drive, Reston, VA 22091.
GL GRADE LEVEL: 9; 10; 11; 12.
TG TARGET AUDIENCE: Adults.
NT NOTES:
TIME: 90.
ITEMS: 13.
AB ABSTRACT: Designed to measure the ability to take dictation and transcribe it under office conditions, as far as can be reproduced in a testing situation. Dictation is given at 80 words per minute. Test materials include dictation paragraphs, letterhead, and carbon paper.

AN ACCESSION NUMBER: TC014853 ETS 8710.
TI TITLE: Prevocational Assessment Screen.
DT SUBTESTS: Alphabetizing; Etch-a-Sketch Maze; Calculating Numbers; Small Parts; Pipe Assembly; O-Rings; Block Design; Color Sort.
AU INSTITUTIONAL AUTHOR: Piney Mountain Press, Cleveland, GA.
YR YEAR: 84.
AV AVAILABILITY: Piney Mountain Press, Inc.; P.O. Box 333; Cleveland, GA 30528.
TG TARGET AUDIENCE: AGE 14-17, Adults.
NT NOTES:
TIME: 50.
AB ABSTRACT: Designed to provide a method of screening individuals for

training and job placement. It is said to be useful for assessing large numbers of students in a short period of time in informal settings. No training is required for administration. PAS is normed on handicapped students, average vocational students, and employed workers. The subtests measure verbal clerical perception, motor coordination, numerical clerical perception, finger dexterity, manual dexterity, form perception, spatial perception, and color perception.

AN ACCESSION NUMBER: TC014308 ETS 8710.
TI TITLE: Affective Work Competencies Inventory.
DT SUBTESTS: Ambition; Self-Control; Organization; Enthusiasm; Conscientiousness (Lack of).
AU AUTHOR: Brauchle-Paul; Petty-Gregory-C.
YR YEAR: 83.
AV AVAILABILITY: Gregory C. Petty; University of Tennessee, Knoxville, TN 37996-3400.
TG TARGET AUDIENCE: Adults.
NT NOTES:
ITEMS: 45.
AB ABSTRACT: The scale is designed to measure work behaviors, attitudes and characteristics of industrial workers, supervisors and vocational educators. It is a self-report, Likert-type questionnaire. These work behaviors are said to be important for work success. Information on the scale can be found in Educational and Psychological Measurement; v43 n2 p603-609, Sum 1983.

AN ACCESSION NUMBER: TC014995 ETS 8705.
TI TITLE: Ohio Vocational Achievement Tests: Welding.
DT SUBTESTS: Oxyfuel Welding; Shielded Metal Arc Welding; Fabrication and Assembly; Personal Development; Gas Tungsten Arc Welding; Gas Metal Arc Welding; Specialized Welding Process (Resistance, Plasma, and Submerged Arc).
AU INSTITUTIONAL AUTHOR: Ohio State Department of Education, Division of Vocational Education, Columbus, OH.
YR YEAR: 87.
AV AVAILABILITY: Ohio State University; Instructional Materials Laboratory, 1885 Neil Avenue, Columbus, OH 43210.
GL GRADE LEVEL: 11; 12.
NT NOTES:
TIME: 240.
AB ABSTRACT: This test is part of a series of achievement tests for use in secondary schools offering vocational education. The tests cover: Agricultural Education, Business and Office Education, Distributive Education, Health Occupations, Home Economics, Trade and Industrial Education. Each has approximately 300 items. The tests were developed to measure skills and understandings in specific vocational areas. Individual items measure ability to solve problems, analyze data, recall facts, have a knowledge of principles, react to generalizations, use abstractions in specific situations, and form parts into complete structures. Included in the administration of each test is the California Short Form Test of Academic Aptitude (TC005919-005923).

AN ACCESSION NUMBER: TC014994 ETS 8705.
TI TITLE: Ohio Vocational Achievement Tests: Medical Assistant.
DT SUBTESTS: Personal Development; Body Systems; Clinical Skills; Medications; Medical Office Skills; Sterilization; Laboratory Skills; E.K.G.; X-ray; Diet and Nutrition; First Aid; Medical Terminology; Medical Office Computations.
AU INSTITUTIONAL AUTHOR: Ohio State Department of Education, Division of Vocational Education, Columbus, OH.
YR YEAR: 84.
AV AVAILABILITY: Ohio State University; Instructional Materials Laboratory, 1885 Neil Avenue, Columbus, OH 43210.
GL GRADE LEVEL: 11; 12.
NT NOTES:
TIME: 240.
AB ABSTRACT: This test is part of a series of achievement tests for use in secondary schools offering vocational education. The tests cover: Agricultural Education, Business and Office Education, Distributive Education, Health Occupations, Home Economics, Trade and Industrial Education. Each has approximately 300 items. The tests were developed to measure skills and understandings in specific vocational areas. Individual items measure ability to solve problems, analyze data, recall facts, have a knowledge of

principles, react to generalizations, use abstractions in specific situations, and form parts into complete structures. Included in the administration of each test is the California Short Form Test of Academic Aptitude (TC005919-005923).

AN ACCESSION NUMBER: TC014993 ETS 8705.
TI TITLE: Ohio Vocational Achievement Tests: Machine Trades.
DT SUBTESTS: Benchwork; Inspection and Measuring Instruments; Drilling Machines; Turning Machines; Savings and Special Operations; Layout and Blueprint; Milling; Abrasive Machining; Heat Treating and Applied Science; N.C./C.N.C; Personal Development.
AU INSTITUTIONAL AUTHOR: Ohio State Department of Education, Division of Vocational Education, Columbus, OH.
YR YEAR: 86.
AV AVAILABILITY: Ohio State University; Instructional Materials Laboratory, 1885 Neil Avenue, Columbus, OH 43210.
GL GRADE LEVEL: 11; 12.
NT NOTES:
TIME: 240.
AB ABSTRACT: This test is part of a series of achievement tests for use in secondary schools offering vocational education. The tests cover: Agricultural Education, Business and Office Education, Distributive Education, Health Occupations, Home Economics, Trade and Industrial Education. Each has approximately 300 items. The tests were developed to measure skills and understandings in specific vocational areas. Individual items measure ability to solve problems, analyze data, recall facts, have a knowledge of principles, react to generalizations, use abstractions in specific situations, and form parts into complete structures. Included in the administration of each test is the California Short Form Test of Academic Aptitude (TC005919-005923).

AN ACCESSION NUMBER: TC014992 ETS 8705.
TI TITLE: Ohio Vocational Achievement Tests: Lithographic Printing.
DT SUBTESTS: Layout and Design; Composing; Proofing; Paste-up; Camera and Film Processing; Personal Development; Stripping; Platemaking and Proofs; Offset Presses; Finishing Operations.
AU INSTITUTIONAL AUTHOR: Ohio State Department of Education, Division of Vocational Education, Columbus, OH.
YR YEAR: 85.
AV AVAILABILITY: Ohio State University; Instructional Materials Laboratory, 1885 Neil Avenue, Columbus, OH 43210.
GL GRADE LEVEL: 11; 12.
NT NOTES:
TIME: 240.
ITEMS: 300.
AB ABSTRACT: This test is part of a series of achievement tests for use in secondary schools offering vocational education. The tests

cover: Agricultural Education, Business and Office Education, Distributive Education, Health Occupations, Home Economics, Trade and Industrial Education. Each has approximately 300 items. The tests were developed to measure skills and understandings in specific vocational areas. Individual items measure ability to solve problems, analyze data, recall facts, have a knowledge of principles, react to generalizations, use abstractions in specific situations, and form parts into complete structures. Included in the administration of each test is the California Short Form Test of Academic Aptitude (TC005919-005923).

AN ACCESSION NUMBER: TC014991 ETS 8705.
TI TITLE: Ohio Vocational Achievement Tests: Industrial Electronics.
DT SUBTESTS: Personal Development; Selling, Installing, and Testing Equipment; Fabricate Circuits and Enclosures; D.C. Electronics; A.C. Electronics; Semi-Conductors; Test Equipment; Analog Electronic Circuits; Digital Logic; Digital Electronic Circuits; Troubleshooting and Analysis; Special Electronic Devices; Electromechanical Devices.
AU INSTITUTIONAL AUTHOR: Ohio State Department of Education, Division of Vocational Education, Columbus, OH.
YR YEAR: 83.
AV AVAILABILITY: Ohio State University; Instructional Materials Laboratory, 1885 Neil Avenue, Columbus, OH 43210.
GL GRADE LEVEL: 11; 12.
NT NOTES:
TIME: 240.
AB ABSTRACT: This test is part of a series of achievement tests for use in secondary schools offering vocational education. The tests cover: Agricultural Education, Business and Office Education, Distributive Education, Health Occupations, Home Economics, Trade and Industrial Education. Each has approximately 300 items. The tests were developed to measure skills and understandings in specific vocational areas. Individual items measure ability to solve problems, analyze data, recall facts, have a knowledge of principles, react to generalizations, use abstractions in specific situations, and form parts into complete structures. Included in the administration of each test is the California Short Form Test of Academic Aptitude (TC005919-005923).

AN ACCESSION NUMBER: TC014990 ETS 8705.
TI TITLE: Ohio Vocational Achievement Tests: Horticulture.
DT SUBTESTS: Soil and Plant Science; Greenhouse Operations; Interior Plantscape Services; Landscape Services; Turf Services; Retail Floriculture; Nursery; Garden Center; Fruit and Vegetable Production; Equipment and Mechanics; Personal Development.
AU INSTITUTIONAL AUTHOR: Ohio State Department of Education, Division of Vocational Education, Columbus, OH.
YR YEAR: 86.

AV AVAILABILITY: Ohio State University; Instructional Materials Laboratory, 1885 Neil Avenue, Columbus, OH 43210.
GL GRADE LEVEL: 11; 12.
NT NOTES:
TIME: 240.
AB ABSTRACT: This test is part of a series of achievement tests for use in secondary schools offering vocational education. The tests cover: Agricultural Education, Business and Office Education, Distributive Education, Health Occupations, Home Economics, Trade and Industrial Education. Each has approximately 300 items. The tests were developed to measure skills and understandings in specific vocational areas. Individual items measure ability to solve problems, analyze data, recall facts, have a knowledge of principles, react to generalizations, use abstractions in specific situations, and form parts into complete structures. Included in the administration of each test is the California Short Form Test of Academic Aptitude (TC005919-005923).

AN ACCESSION NUMBER: TC014989 ETS 8705.
TI TITLE: Ohio Vocational Achievement Tests: Heating, Air Conditioning, Refrigeration.
DT SUBTESTS: Install Heating Systems; Install Refrigeration and Air Conditioning Equipment; Troubleshoot Refrigeration and Air Conditioning Equipment; Service and Repair Refrigeration and Air Conditioning Equipment - Electrical; Service and Repair Refrigeration and Air Conditioning Equipment - Mechanical; Troubleshoot, Service, and Repair Oil Heating Systems; Troubleshoot, Service, and Repair Gas Heating Systems; Troubleshoot, Service, and Repair Alternate Heating Systems; Personal Development.
AU INSTITUTIONAL AUTHOR: Ohio State Department of Education, Division of Vocational Education, Columbus, OH.
YR YEAR: 86.
AV AVAILABILITY: Ohio State University; Instructional Materials Laboratory, 1885 Neil Avenue, Columbus, OH 43210.
GL GRADE LEVEL: 11; 12.
NT NOTES:
TIME: 240.
AB ABSTRACT: This test is part of a series of achievement tests for use in secondary schools offering vocational education. The tests cover: Agricultural Education, Business and Office Education, Distributive Education, Health Occupations, Home Economics, Trade and Industrial Education. Each has approximately 300 items. The tests were developed to measure skills and understandings in specific vocational areas. Individual items measure ability to solve problems, analyze data, recall facts, have a knowledge of principles, react to generalizations, use abstractions in specific situations, and form parts into complete structures. Included in the administration of each test is the California Short Form Test of Academic Aptitude (TC005919-005923).

AN ACCESSION NUMBER: TC014988 ETS 8705.
TI TITLE: Ohio Vocational Achievement Tests: General Office Clerk.
DT SUBTESTS: Reception, Telephone, and Electronic Communications; Financial Records; Prepare Typewritten Copy; Records Management; Reprographics, Mailing, and Shipping; Accounting Functions; Information Processing and Transcription; Composition and Editing; Personal Development and Human Relations.
AU INSTITUTIONAL AUTHOR: Ohio State Department of Education, Division of Vocational Education, Columbus, OH.
YR YEAR: 87.
AV AVAILABILITY: Ohio State University; Instructional Materials Laboratory, 1885 Neil Avenue, Columbus, OH 43210.
GL GRADE LEVEL: 11; 12.
NT NOTES:
TIME: 240.
AB ABSTRACT: This test is part of a series of achievement tests for use in secondary schools offering vocational education. The tests cover: Agricultural Education, Business and Office Education, Distributive Education, Health Occupations, Home Economics, Trade and Industrial Education. Each has approximately 300 items. The tests were developed to measure skills and understandings in specific vocational areas. Individual items measure ability to solve problems, analyze data, recall facts, have a knowledge of principles, react to generalizations, use abstractions in specific situations, and form parts into complete structures. Included in the administration of each test is the California Short Form Test of Academic Aptitude (TC005919-005923).

AN ACCESSION NUMBER: TC014987 ETS 8705.
TI TITLE: Ohio Vocational Achievement Tests: General Merchandise Retailing.
DT SUBTESTS: Selling; Cashiering; Store Security; Housekeeping and Safety; Human Relations; Merchandise Display; Receiving, Stocking, Inventory Control; Marketing; Personal Development.
AU INSTITUTIONAL AUTHOR: Ohio State Department of Education, Division of Vocational Education, Columbus, OH.
YR YEAR: 87.
AV AVAILABILITY: Ohio State University; Instructional Materials Laboratory, 1885 Neil Avenue, Columbus, OH 43210.
GL GRADE LEVEL: 11; 12.
NT NOTES:
TIME: 240.
AB ABSTRACT: This test is part of a series of achievement tests for use in secondary schools offering vocational education. The tests cover: Agricultural Education, Business and Office Education, Distributive Education, Health Occupations, Home Economics, Trade and Industrial Education. Each has approximately 300 items. The tests were developed to measure skills and understandings in specific vocational areas. Individual items measure ability to solve problems, analyze data, recall facts, have a knowledge of

principles, react to generalizations, use abstractions in specific situations, and form parts into complete structures. Included in the administration of each test is the California Short Form Test of Academic Aptitude (TC005919-005923).

AN ACCESSION NUMBER: TC014986 ETS 8705.
TI TITLE: Ohio Vocational Achievement Tests: Food Services.
DT SUBTESTS: Cook/Chef; Sanitation and Safety; Dietary Aide; Pantry Worker; Steward Worker; Baker; Front of the House; Caterer; Management and Supervision; Personal Development.
AU INSTITUTIONAL AUTHOR: Ohio State Department of Education, Division of Vocational Education, Columbus, OH.
YR YEAR: 87.
AV AVAILABILITY: Ohio State University; Instructional Materials Laboratory, 1885 Neil Avenue, Columbus, OH 43210.
GL GRADE LEVEL: 11; 12.
NT NOTES:
TIME: 240.
AB ABSTRACT: This test is part of a series of achievement tests for use in secondary schools offering vocational education. The tests cover: Agricultural Education, Business and Office Education, Distributive Education, Health Occupations, Home Economics, Trade and Industrial Education. Each has approximately 300 items. The tests were developed to measure skills and understandings in specific vocational areas. Individual items measure ability to solve problems, analyze data, recall facts, have a knowledge of principles, react to generalizations, use abstractions in specific situations, and form parts into complete structures. Included in the administration of each test is the California Short Form Test of Academic Aptitude (TC005919-005923).

AN ACCESSION NUMBER: TC014985 ETS 8705.
TI TITLE: Ohio Vocational Achievement Tests: Food Marketing.
DT SUBTESTS: Receiving and Storing; Operations; Front-End Operations; Product and Service Technology; Selling; Advertising; Display/Merchandising; Communications; Human Relations; Economics, Marketing, and Entrepreneurship; Personal Development.
AU INSTITUTIONAL AUTHOR: Ohio State Department of Education, Division of Vocational Education, Columbus, OH.
YR YEAR: 87.
AV AVAILABILITY: Ohio State University; Instructional Materials Laboratory, 1885 Neil Avenue, Columbus, OH 43210.
GL GRADE LEVEL: 11; 12.
NT NOTES:
TIME: 240.
AB ABSTRACT: This test is part of a series of achievement tests for use in secondary schools offering vocational education. The tests cover: Agricultural Education, Business and Office Education, Distributive Education, Health Occupations, Home Economics, Trade

and Industrial Education. Each has approximately 300 items. The tests were developed to measure skills and understandings in specific vocational areas. Individual items measure ability to solve problems, analyze data, recall facts, have a knowledge of principles, react to generalizations, use abstractions in specific situations, and form parts into complete structures. Included in the administration of each test is the California Short Form Test of Academic Aptitude (TC005919-005923).

AN ACCESSION NUMBER: TC014984 ETS 8705.
TI TITLE: Ohio Vocational Achievement Tests: Drafting.
DT SUBTESTS: Geometric Shapes and Construction; Orthographic and Auxiliary Projection; Pictorial Drawings; Sectional Views; Production/Working Drawings; Fastening Methods; Industrial Materials and Processes; Dimensions and Tolerancing; Intersections and Developments; Mechanics; Architectural Drawings; Structural and Civil Drawings; Electrical and Electronic Drawings; Personal Development.
AU INSTITUTIONAL AUTHOR: Ohio State Department of Education, Division of Vocational Education, Columbus, OH.
AV AVAILABILITY: Ohio State University; Instructional Materials Laboratory, 1885 Neil Avenue, Columbus, OH 43210.
GL GRADE LEVEL: 11; 12.
NT NOTES:
TIME: 240.
AB ABSTRACT: This test is part of a series of achievement tests for use in secondary schools offering vocational education. The tests cover: Agricultural Education, Business and Office Education, Distributive Education, Health Occupations, Home Economics, Trade and Industrial Education. Each has approximately 300 items. The tests were developed to measure skills and understandings in specific vocational areas. Individual items measure ability to solve problems, analyze data, recall facts, have a knowledge of principles, react to generalizations, use abstractions in specific situations, and form parts into complete structures. Included in the administration of each test is the California Short Form Test of Academic Aptitude (TC005919-005923).

AN ACCESSION NUMBER: TC014983 ETS 8705.
TI TITLE: Ohio Vocational Achievement Tests: Diversified Health Occupations.
DT SUBTESTS: Anatomy and Physiology; Asepsis and Sterilization; Vital Signs; Acute Care Nursing; Ward Clerk; Emergency First Aid; Long Term Care Nursing; Home Health Aide; Medical Assisting and Laboratory; Dental Assisting; Personal Development, Employment Skills, and Ethics.
AU INSTITUTIONAL AUTHOR: Ohio State Department of Education, Division of Vocational Education, Columbus, OH.
YR YEAR: 85.

AV AVAILABILITY: Ohio State University; Instructional Materials Laboratory, 1885 Neil Avenue, Columbus, OH 43210.
GL GRADE LEVEL: 11; 12.
NT NOTES:
TIME: 240.
ITEMS: 300.
AB ABSTRACT: This test is part of a series of achievement tests for use in secondary schools offering vocational education. The tests cover: Agricultural Education, Business and Office Education, Distributive Education, Health Occupations, Home Economics, Trade and Industrial Education. Each has approximately 300 items. The tests were developed to measure skills and understandings in specific vocational areas. Individual items measure ability to solve problems, analyze data, recall facts, have a knowledge of principles, react to generalizations, use abstractions in specific situations, and form parts into complete structures. Included in the administration of each test is the California Short Form Test of Academic Aptitude (TC005919-005923).

AN ACCESSION NUMBER: TC014982 ETS 8705.
TI TITLE: Ohio Vocational Achievement Tests: Diesel Mechanics.
DT SUBTESTS: Service and Repair Engines; Fuel Systems; Cooling Systems; Electrical Systems; Exhaust Intake Systems; Lubrication and Preventive Maintenance; Drive Lines; Suspension Systems; Brake Systems; Heating and Air Conditioning Systems; Cabs and Chassis; Hydraulic Systems; Service Management and Records; Personal Development.
AU INSTITUTIONAL AUTHOR: Ohio State Department of Education, Division of Vocational Education, Columbus, OH.
YR YEAR: 87.
AV AVAILABILITY: Ohio State University; Instructional Materials Laboratory, 1885 Neil Avenue, Columbus, OH 43210.
GL GRADE LEVEL: 11; 12.
NT NOTES:
TIME: 240.
ITEMS: 300.
AB ABSTRACT: This test is part of a series of achievement tests for use in secondary schools offering vocational education. The tests cover: Agricultural Education, Business and Office Education, Distributive Education, Health Occupations, Home Economics, Trade and Industrial Education. Each has approximately 300 items. The tests were developed to measure skills and understandings in specific vocational areas. Individual items measure ability to solve problems, analyze data, recall facts, have a knowledge of principles, react to generalizations, use abstractions in specific situations, and form parts into complete structures. Included in the administration of each test is the California Short Form Test of Academic Aptitude (TC005919-005923).

AN ACCESSION NUMBER: TC014981 ETS 8705.
TI TITLE: Ohio Vocational Achievement Tests: Cosmetology.
DT SUBTESTS: Manicuring; Facials and Skin Care; Hair Shaping; Hairstyling; Hair Color; Sanitation and Safety; Scalp Care; Permanent Waving; Shop Management and Customer Relations; Personal Development.
AU INSTITUTIONAL AUTHOR: Ohio State Department of Education, Division of Vocational Education, Columbus, OH.
YR YEAR: 87.
AV AVAILABILITY: Ohio State University; Instructional Materials Laboratory, 1885 Neil Avenue, Columbus, OH 43210.
GL GRADE LEVEL: 11; 12.
NT NOTES:
TIME: 240.
AB ABSTRACT: This test is part of a series of achievement tests for use in secondary schools offering vocational education. The tests cover: Agricultural Education, Business and Office Education, Distributive Education, Health Occupations, Home Economics, Trade and Industrial Education. Each has approximately 300 items. The tests were developed to measure skills and understandings in specific vocational areas. Individual items measure ability to solve problems, analyze data, recall facts, have a knowledge of principles, react to generalizations, use abstractions in specific situations, and form parts into complete structures. Included in the administration of each test is the California Short Form Test of Academic Aptitude (TC005919-005923).

AN ACCESSION NUMBER: TC014980 ETS 8705.
TI TITLE: Ohio Vocational Achievement Tests: Construction Electricity.
DT SUBTESTS: Basic Electricity; National Electric Code; Planning and Layout; Rough-In Wiring; Finish Wiring; Safety; Service Entrance; Motors and Controls; Low-Voltage Systems; Electrician's Mathematics; Personal Development.
AU INSTITUTIONAL AUTHOR: Ohio State Department of Education, Division of Vocational Education, Columbus, OH.
YR YEAR: 84.
AV AVAILABILITY: Ohio State University; Instructional Materials Laboratory, 1885 Neil Avenue, Columbus, OH 43210.
GL GRADE LEVEL: 11; 12.
NT NOTES:
TIME: 240.
AB ABSTRACT: This test is part of a series of achievement tests for use in secondary schools offering vocational education. The tests cover: Agricultural Education, Business and Office Education, Distributive Education, Health Occupations, Home Economics, Trade and Industrial Education. Each has approximately 300 items. The tests were developed to measure skills and understandings in specific vocational areas. Individual items measure ability to solve problems, analyze data, recall facts, have a knowledge of

principles, react to generalizations, use abstractions in specific situations, and form parts into complete structures. Included in the administration of each test is the California Short Form Test of Academic Aptitude (TC005919-005923).

AN ACCESSION NUMBER: TC014979 ETS 8705.
TI TITLE: Ohio Vocational Achievement Tests: Communication Products Electronics.
DT SUBTESTS: Personal Development; D.C. Electronics; A.C. Electronics; Active Electronic Devices; Electronic Circuitry; Electronic Test Equipment; Audio Systems; Radio Receiver Systems; T.V. Receiver Systems; Digital Electronic Circuits; Troubleshooting and Analysis; Special Systems; Digital Logic Systems.
AU INSTITUTIONAL AUTHOR: Ohio State Department of Education, Division of Vocational Education, Columbus, OH.
YR YEAR: 83.
AV AVAILABILITY: Ohio State University; Instructional Materials Laboratory, 1885 Neil Avenue, Columbus, OH 43210.
GL GRADE LEVEL: 11; 12.
NT NOTES:
TIME: 240.
AB ABSTRACT: This test is part of a series of achievement tests for use in secondary schools offering vocational education. The tests cover: Agricultural Education, Business and Office Education, Distributive Education, Health Occupations, Home Economics, Trade and Industrial Education. Each has approximately 300 items. The tests were developed to measure skills and understandings in specific vocational areas. Individual items measure ability to solve problems, analyze data, recall facts, have a knowledge of principles, react to generalizations, use abstractions in specific situations, and form parts into complete structures. Included in the administration of each test is the California Short Form Test of Academic Aptitude (TC005919-005923).

AN ACCESSION NUMBER: TC014978 ETS 8705.
TI TITLE: Ohio Vocational Achievement Tests: Commercial Art.
DT SUBTESTS: Illustration; Lettering; Layout; Photography; Specialized Functions; Business Functions; Design; Mechanical; Typography; Reproduction; Personal Development.
AU INSTITUTIONAL AUTHOR: Ohio State Department of Education, Division of Vocational Education, Columbus, OH.
YR YEAR: 87.
AV AVAILABILITY: Ohio State University; Instructional Materials Laboratory, 1885 Neil Avenue, Columbus, OH 43210.
GL GRADE LEVEL: 11; 12.
NT NOTES:
TIME: 240.
AB ABSTRACT: This test is part of a series of achievement tests for

use in secondary schools offering vocational education. The tests cover: Agricultural Education, Business and Office Education, Distributive Education, Health Occupations, Home Economics, Trade and Industrial Education. Each has approximately 300 items. The tests were developed to measure skills and understandings in specific vocational areas. Individual items measure ability to solve problems, analyze data, recall facts, have a knowledge of principles, react to generalizations, use abstractions in specific situations, and form parts into complete structures. Included in the administration of each test is the California Short Form Test of Academic Aptitude (TC005919-005923).

AN ACCESSION NUMBER: TC014977 ETS 8705.
TI TITLE: Ohio Vocational Achievement Tests: Child Care Services.
DT SUBTESTS: Assist in Managing the Center; Assist in Maintaining Facilities and Supplies; Aid in Program Planning; Conduct Routine Activities; Assist Infant/Toddler Instruction; Assist Preschool Instruction; Assist Elementary School Instruction; Assist Exceptional Children Instruction; Personal Development.
AU INSTITUTIONAL AUTHOR: Ohio State Department of Education, Division of Vocational Education, Columbus, OH.
YR YEAR: 86.
AV AVAILABILITY: Ohio State University; Instructional Materials Laboratory, 1885 Neil Avenue, Columbus, OH 43210.
GL GRADE LEVEL: 11; 12.
NT NOTES:
TIME: 240.
ITEMS: 300.
AB ABSTRACT: This test is part of a series of achievement tests for use in secondary schools offering vocational education. The tests cover: Agricultural Education, Business and Office Education, Distributive Education, Health Occupations, Home Economics, Trade and Industrial Education. Each has approximately 300 items. The tests were developed to measure skills and understandings in specific vocational areas. Individual items measure ability to solve problems, analyze data, recall facts, have a knowledge of principles, react to generalizations, use abstractions in specific situations, and form parts into complete structures. Included in the administration of each test is the California Short Form Test of Academic Aptitude (TC005919-005923).

AN ACCESSION NUMBER: TC014976 ETS 8705.
TI TITLE: Ohio Vocational Achievement Tests: Carpentry.
DT SUBTESTS: Blueprint Reading; Surveying; Footers and Foundations; Floor Framing; Stairs; Wall and Ceiling Framing; Roof Framing; Roofing; Exterior Finish; Insulation; Interior Finish; Special Applications; Energy Efficient Construction; Personal Development.
AU INSTITUTIONAL AUTHOR: Ohio State Department of Education, Division of Vocational Education, Columbus, OH.

AV AVAILABILITY: Ohio State University; Instructional Materials Laboratory, 1885 Neil Avenue, Columbus, OH 43210.
GL GRADE LEVEL: 11; 12.
NT NOTES:
TIME: 240.
AB ABSTRACT: This test is part of a series of achievement tests for use in secondary schools offering vocational education. The tests cover: Agricultural Education, Business and Office Education, Distributive Education, Health Occupations, Home Economics, Trade and Industrial Education. Each has approximately 300 items. The tests were developed to measure skills and understandings in specific vocational areas. Individual items measure ability to solve problems, analyze data, recall facts, have a knowledge of principles, react to generalizations, use abstractions in specific situations, and form parts into complete structures. Included in the administration of each test is the California Short Form Test of Academic Aptitude (TC005919-005923).

AN ACCESSION NUMBER: TC014975 ETS 8705.
TI TITLE: Ohio Vocational Achievement Tests: Building Maintenance.
DT SUBTESTS: Carpentry; Masonry; Electrical; Heating/Air Conditioning; Painting/Decorating; Plumbing; Welding; Flooring; Custodial; Grounds and Landscape; Personal Development.
AU INSTITUTIONAL AUTHOR: Ohio State Department of Education, Division of Vocational Education, Columbus, OH.
YR YEAR: 86.
AV AVAILABILITY: Ohio State University; Instructional Materials Laboratory, 1885 Neil Avenue, Columbus, OH 43210.
GL GRADE LEVEL: 11; 12.
NT NOTES:
TIME: 240.
AB ABSTRACT: This test is part of a series of achievement tests for use in secondary schools offering vocational education. The tests cover: Agricultural Education, Business and Office Education, Distributive Education, Health Occupations, Home Economics, Trade and Industrial Education. Each has approximately 300 items. The tests were developed to measure skills and understandings in specific vocational areas. Individual items measure ability to solve problems, analyze data, recall facts, have a knowledge of principles, react to generalizations, use abstractions in specific situations, and form parts into complete structures. Included in the administration of each test is the California Short Form Test of Academic Aptitude (TC005919-005923).

AN ACCESSION NUMBER: TC014974 ETS 8705.
TI TITLE: Ohio Vocational Achievement Tests: Automotive Mechanics.
DT SUBTESTS: Lubrication, Preventive Maintenance, and Shop Management; Service and Repair Engine; Service and Repair Cooling Systems; Service and Repair Fuel and Exhaust Systems; Service and Repair

Ignition Systems; Personal Development; Service and Repir Cranking and Charging Systems; Accessory System; Transmissions and Drive Lines; Emission Systems; Brake Systems; Steering and Suspension Systems; Heating, Ventiliation and Air Conditions Systems.

AU INSTITUTIONAL AUTHOR: Ohio State Department of Education, Division of Vocational Education, Columbus, OH.

YR YEAR: 86.

AV AVAILABILITY: Ohio State University; Instructional Materials Laboratory, 1885 Neil Avenue, Columbus, OH 43210.

GL GRADE LEVEL: 11; 12.

NT NOTES:
TIME: 240.
ITEMS: 300.

AB ABSTRACT: This test is part of a series of achievement tests for use in secondary schools offering vocational education. The tests cover: Agricultural Education, Business and Office Education, Distributive Education, Health Occupations, Home Economics, Trade and Industrial Education. Each has approximately 300 items. The tests were developed to measure skills and understandings in specific vocational areas. Individual items measure ability to solve problems, analyze data, recall facts, have a knowledge of principles, react to generalizations, use abstractions in specific situations, and form parts into complete structures. Included in the administration of each test is the California Short Form Test of Academic Aptitude (TC005919-005923).

AN ACCESSION NUMBER: TC014973 ETS 8705.

TI TITLE: Ohio Vocational Achievement Tests: Auto Body Mechanic.

DT SUBTESTS: Welding; Repair and Straighten, Patch and Fill; Panel Replacement; Fiberglass and Plastic Repair; Refinishing; Reconditioning; Trim, Hardware, and Glass; Frame and Unit Body Repair; Suspension Systems; Electrical Systems; Engine Cooling Systems; Heating and Air Conditioning; Personal Development and Shop Management.

AU INSTITUTIONAL AUTHOR: Ohio State Department of Education, Division of Vocational Education, Columbus, OH.

YR YEAR: 86.

AV AVAILABILITY: Ohio State University; Instructional Materials Laboratory, 1885 Neil Avenue, Columbus, OH 43210.

GL GRADE LEVEL: 11; 12.

NT NOTES:
TIME: 240.
ITEMS: 300.

AB ABSTRACT: This test is part of a series of achievement tests for use in secondary schools offering vocational education. The tests cover: Agricultural Education, Business and Office Education, Distributive Education, Health Occupations, Home Economics, Trade and Industrial Education. Each has approximately 300 items. The tests were developed to measure skills and understandings in specific vocational areas. Individual items measure ability to

solve problems, analyze data, recall facts, have a knowledge of principles, react to generalizations, use abstractions in specific situations, and form parts into complete structures. Included in the administration of each test is the California Short Form Test of Academic Aptitude (TC005919-005923).

AN ACCESSION NUMBER: TC014972 ETS 8705.
TI TITLE: Ohio Vocational Achievement Tests: Agricultural Business.
DT SUBTESTS: Retail Sales; Maintain Stock; Storage and Distribution; Marketing; Office Functions; Establish and Manage an Agribusiness; Agricultural Skills; Personal Development.
AU INSTITUTIONAL AUTHOR: Ohio State Department of Education, Division of Vocational Education, Columbus, OH.
YR YEAR: 87.
AV AVAILABILITY: Ohio State University; Instructional Materials Laboratory, 1885 Neil Avenue, Columbus, OH 43210.
GL GRADE LEVEL: 11; 12.
NT NOTES:
TIME: 240.
AB ABSTRACT: This test is part of a series of achievement tests for use in secondary schools offering vocational education. The tests cover: Agricultural Education, Business and Office Education, Distributive Education, Health Occupations, Home Economics, Trade and Industrial Education. Each has approximately 300 items. The tests were developed to measure skills and understandings in specific vocational areas. Individual items measure ability to solve problems, analyze data, recall facts, have a knowledge of principles, react to generalizations, use abstractions in specific situations, and form parts into complete structures. Included in the administration of each test is the California Short Form Test of Academic Aptitude (TC005919-005923).

AN ACCESSION NUMBER: TC014971 ETS 8705.
TI TITLE: Ohio Vocational Achievement Tests: Accounting/Computing Clerk.
DT SUBTESTS: Purchases and Payables; Receipts and Payments; Specialized Accounting; Payroll Records; Sales and Receivables; Maintaining Files and Inventory Records; General Office Duties; Electronic Accounting Functions; Personal Development and Employment.
AU INSTITUTIONAL AUTHOR: Ohio State Department of Education, Division of Vocational Education, Columbus, OH.
YR YEAR: 87.
AV AVAILABILITY: Ohio State University; Instructional Materials Laboratory, 1885 Neil Avenue, Columbus, OH 43210.
GL GRADE LEVEL: 11; 12.
NT NOTES:
TIME: 240.
AB ABSTRACT: This test is part of a series of achievement tests for

use in secondary schools offering vocational education. The tests cover: Agricultural Education, Business and Office Education, Distributive Education, Health Occupations, Home Economics, Trade and Industrial Education. Each has approximately 300 items. The tests were developed to measure skills and understandings in specific vocational areas. Individual items measure ability to solve problems, analyze data, recall facts, have a knowledge of principles, react to generalizations, use abstractions in specific situations, and form parts into complete structures. Included in the administration of each test is the California Short Form Test of Academic Aptitude (TC005919-005923).

AN ACCESSION NUMBER: TC014928 ETS 8705.
TI TITLE: Vocational Opinion Index Transition System.
AU INSTITUTIONAL AUTHOR: Associates for Research in Behavior, Philadelphia, PA.
YR YEAR: 76.
AV AVAILABILITY: ARBOR, Inc.; The Science Center, 3401 Market St., Philadelphia, PA 19104.
TG TARGET AUDIENCE: Adults.
NT NOTES:
ITEMS: 23.
AB ABSTRACT: This diagnostic and prescriptive system was designed to help vocational training staff to determine an individual's attitudes, perceptions, and motivations that impact on their ability to get and hold a job. Learning activities designed to improve job holding skills and attitudes are included. Training for personnel planning to use the system, is suggested. Norms were based on a disadvantaged population. A Spanish version is available.

AN ACCESSION NUMBER: TC014874 ETS 8705.
TI TITLE: Skills Assessment Module.
DT SUBTESTS: Revised Beta Examination; Learning Styles Inventory; Personnel Test for Industry; Mail Sort; Alphabetizing Cards; Etch a Sketch Maze; Payroll Computation; Patient Information Memo; Small Parts; Ruler Reading; Pipe Assembly; O-rings; Block Design; Color Sort; Circuit Board.
AU AUTHOR: Rosinek-Michele.
YR YEAR: 85.
AV AVAILABILITY: Piney Mountain Press, Inc.; P.O. Box 333; Cleveland, GA 30528.
GL GRADE LEVEL: 9; 10; 11; 12.
NT NOTES:
TIME: 120.
AB ABSTRACT: Designed to assess a student's affective, cognitive and manipulative strengths and weaknesses prior to placing students in vocational training programs within school systems. Norms are available for average students, students with disabilities,

disadvantaged students and employed workers. Both paper and pencil tests and hands-on skills modules are included. Work behaviors such as appearance, endurance, communication skills, safety consciousness can be rated during performance.

AN ACCESSION NUMBER: TC014799 ETS 8609.
TI TITLE: Bilingual Vocational Oral Proficiency Test.
AU INSTITUTIONAL AUTHOR: Melton Peninsula, Dallas, TX.
YR YEAR: 81.
AV AVAILABILITY: Melton Peninsula; 111 Leslie Street, Dallas, TX 75207.
TG TARGET AUDIENCE: Adults.
NT NOTES:
TIME: 30.
AB ABSTRACT: This test is designed to determine the language needs of limited English speaking applicants to vocational training programs and to determine how much English a trainee has learned during the training program. The test is criterion-referenced and based on a study of actual langage in the vocational setting. There are two parallel forms for pre- and posttesting. The test measures oral proficiency and consists of: questions and answers; an open-ended interview; elicited imitation (repetition); and imperatives (receptive language).

AN ACCESSION NUMBER: TC014268 ETS 8510.
TI TITLE: Student Occupational Competency Achievement Testing: Welding.
AU INSTITUTIONAL AUTHOR: National Occupational Competency Testing Institute, Big Rapids, MI.
AV AVAILABILITY: National Occupational Competency Testing Institute; 409 Bishop Hall, Ferris State University, Big Rapids, MI 49307.
GL GRADE LEVEL: 9; 10; 11; 12; Higher Education.
NT NOTES:
TIME: 180.
ITEMS: 150.
AB ABSTRACT: This test is part of a program developed to evaluate secondary and postsecondary vocational students with a standardized, objective measure. Each test consists of a multiple choice portion covering factual knowledge, technical information, understanding of principles and problem solving abilities related to the occupation. A performance component samples manipulative skills required. A mental ability test is also available. The written test covers: shielded metal arc welding, oxyfuel welding, welding terms and symbols, safety, electricity, basic metallurgy, gas metal arc welding, gas tungsten arc welding. The performance test covers: shielded metal arc welding, oxyacetylene welding and brazing, gas metal arc welding, gas tungsten arc welding.

AN ACCESSION NUMBER: TC014267 ETS 8510.
TI TITLE: Student Occupational Competency Achievement Testing: Small Engine Repair.
AU INSTITUTIONAL AUTHOR: National Occupational Competency Testing Institute, Big Rapids, MI.
AV AVAILABILITY: National Occupational Competency Testing Institute; 409 Bishop Hall Ferris State University, Big Rapids, MI 49307.
GL GRADE LEVEL: 9; 10; 11; 12; Higher Education.
NT NOTES:
TIME: 180.
ITEMS: 188.
AB ABSTRACT: This test is part of a program developed to evaluate secondary and postsecondary vocational students with a standardized, objective measure. Each test consists of a multiple choice portion covering factual knowledge, technical information, understanding of principles and problem solving abilities as related to the occupation. A performance component samples manipulative skills required. A mental ability test is also available. The written test covers: theory and shop arithmetic, ignition, compression and lubrication, valves and ports, engine block components and cooling, fuel, shop procedures and safety, governors, starters, powered equipment mechanisms. The performance test requires the test taker to: check engine and start disassembly, complete disassembly, check and measure parts, reassemble engine and operate; invoice parts, use of time.

AN ACCESSION NUMBER: TC014266 ETS 8510.
TI TITLE: Student Occupational Competency Achievement Testing: Sewn Products.
AU INSTITUTIONAL AUTHOR: National Occupational Competency Testing Institute, Big Rapids, MI.
AV AVAILABILITY: National Occupational Competency Testing Institute; 409 Bishop Hall, Ferris State University, Big Rapids, MI 49307.
GL GRADE LEVEL: 9; 10; 11; 12; Higher Education.
NT NOTES:
TIME: 180.
ITEMS: 153.
AB ABSTRACT: This test is part of a program developed to evaluate secondary and postsecondary vocational students with a standardized, objective measure. Each test consists of a multiple choice portion covering factual knowledge, technical information, understanding of principles and problem solving abilities related to the occupation. A performance component samples manipulative skills required. A mental ability test is also available. The written test covers: construction, textiles, fitting garments, altering finished garments, operation of equipment, industrial sewing methods, pressing. The performance test covers: industrial sewing methods, garment construction methods, alteration of finished garments, pattern alterations, taking body measurements, machine usage, industrial sewing machine maintenance.

AN ACCESSION NUMBER: TC014265 ETS 8510.
TI TITLE: Student Occupational Competency Achievement Testing: Refrigeration.
AU INSTITUTIONAL AUTHOR: National Occupational Competency Testing Institute, Big Rapids, MI.
AV AVAILABILITY: National Occupational Competency Testing Institute; 409 Bishop Hall, Ferris State University, Big Rapids, MI 49307.
GL GRADE LEVEL: 9; 10; 11; 12; Higher Education.
NT NOTES:
TIME: 360.
ITEMS: 150.
AB ABSTRACT: This test is part of a program developed to evaluate secondary and postsecondary vocational students with a standardized, objective measure. Each test consists of a multiple choice portion covering factual knowledge, technical information, understanding of principles and problem solving abilities related to the occupation. A performance component samples manipulative skills required. A mental ability test is also available. The written test covers: installation and service, electricity, nomenclature; valves, gauges and controls, related math and science, safety. The performance test requires the test-taker to: troubleshoot and repair refrigeration systems, including setting up the system and installing the gauge and manifold, checking and monitoring the system, using proper tools, meters, and diagnostic equipment.

AN ACCESSION NUMBER: TC014262 ETS 8510.
TI TITLE: Student Occupational Competency Achievement Testing: Practical Nursing.
AU INSTITUTIONAL AUTHOR: National Occupational Competency Testing Institute, Big Rapids, MI.
AV AVAILABILITY: National Occupational Competency Testing Institute; 409 Bishop Hall, Ferris State University, Big Rapids, MI 49307.
GL GRADE LEVEL: 9; 10; 11; 12; Higher Education.
NT NOTES:
TIME: 360.
ITEMS: 150.
AB ABSTRACT: This test is part of a program developed to evaluate secondary and postsecondary vocational students with a standardized, objective measure. Each test consists of a multiple choice portion covering factual knowledge, technical information, understanding of principles and problem solving abilities related to the occupation. A performance component samples manipulative skills required. A mental ability test is also available. The written test covers: medical/surgical nursing, anatomy and physiology, maternal and child health, basic nursing, personal/vocational relationships. The performance test covers: tube feeding, collection of clean catch/midstream urine specimen, perineal care, demonstration of

sterile technique/indwelling catheter, administration of oral medication, administration of an intramuscular injection, administration of subcutaneous medication, taking vital signs, making an occupied bed, transferring patient from bed to wheelchair.

AN ACCESSION NUMBER: TC014261 ETS 8510.
TI TITLE: Student Occupational Competency Achievement Testing: Plumbing.
AU INSTITUTIONAL AUTHOR: National Occupational Competency Testing Institute, Big Rapids, MI.
AV AVAILABILITY: National Occupational Competency Testing Institute; 409 Bishop Hall, Ferris State University, Big Rapids, MI 49307.
GL GRADE LEVEL: 9; 10; 11; 12; Higher Education.
NT NOTES:
TIME: 360.
ITEMS: 150.
AB ABSTRACT: This test is part of a program developed to evaluate secondary and postsecondary vocational students with a standardized, objective measure. Each test consists of a multiple choice portion covering factual knowledge, technical information, understanding of principles and problem solving abilities related to the occupation. A performance component samples manipulative skills required. A mental ability test is also available. The written test covers: assembly and layout, installation, planning, inspecting, evaluating, maintenance and repair. The performance test covers: drawings, layout, rough installation, installation of fixtures.

AN ACCESSION NUMBER: TC014260 ETS 8510.
TI TITLE: Student Occupational Competency Achievement Testing: Machine Trades.
AU INSTITUTIONAL AUTHOR: National Occupational Competency Testing Institute, Big Rapids, MI.
AV AVAILABILITY: National Occupational Competency Testing Institute; 409 Bishop Hall, Ferris State University, Big Rapids, MI 49307.
GL GRADE LEVEL: 9; 10; 11; 12; Higher Education.
NT NOTES:
TIME: 480.
ITEMS: 180.
AB ABSTRACT: This test is part of a program developed to evaluate secondary and postsecondary vocational students with a standardized, objective measure. Each test consists of a multiple choice portion covering factual knowledge, technical information, understanding of principles and problem solving abilities related to the occupation. A performance component samples manipulative skills required. A mental ability test is also available. The written test covers: lathes, milling, grinding, benchwork, drilling, sawing, related theory. The performance test covers: lathe operations, drilling and hole forming, milling machine operations, measurement, safety, layout, bench work.

AN ACCESSION NUMBER: TC014259 ETS 8510.
TI TITLE: Student Occupational Competency Achievement Testing: Industrial Electronics.
AU INSTITUTIONAL AUTHOR: National Occupational Competency Testing Institute, Big Rapids, MI.
AV AVAILABILITY: National Occupational Competency Testing Institute; 409 Bishop Hall, Ferris State University, Big Rapids, MI 49307.
GL GRADE LEVEL: 9; 10; 11; 12; Higher Education.
NT NOTES:
TIME: 360.
ITEMS: 165.
AB ABSTRACT: This test is part of a program developed to evaluate secondary and postsecondary vocational students with a standardized, objective measure. Each test consists of a multiple choice portion covering factual knowledge, technical information, understanding of principles and problem solving abilities related to the occupation. A performance component samples manipulative skills required. A mental ability test is also available. The written test covers: AC and DC concepts, amplifier circuits and operation, solid state devices, power supplies, rectification, miscellaneous circuits and components, basic theory, digital electronics, test equipment, vacuum tubes. The performance test covers: power supply, logic circuit, photosensitive transducer, computer testing, circuit timing, desolder PC board, oscilloscope.

AN ACCESSION NUMBER: TC014258 ETS 8510.
TI TITLE: Student Occupational Competency Achievement Testing: Industrial Electricity.
AU INSTITUTIONAL AUTHOR: National Occupational Competency Testing Institute, Big Rapids, MI.
AV AVAILABILITY: National Occupational Competency Testing Institute; 409 Bishop Hall, Ferris State University, Big Rapids, MI 49307.
GL GRADE LEVEL: 9; 10; 11; 12; Higher Education.
NT NOTES:
TIME: 360.
ITEMS: 156.
AB ABSTRACT: This test is part of a program developed to evaluate secondary and postsecondary vocational students with a standardized, objective measure. Each test consists of a multiple choice portion covering factual knowledge, technical information, understanding of principles and problem solving abilities related to the occupation. A performance component samples manipulative skills required. A mental ability test is also available. The written test covers: AC and DC current theory, test equipment, electrical drawings, general wiring, controls, generators, alternators, motors, transformers. The performance test covers: diagrams, installation techniques, disconnect, control panel, raceway, circuit conductors, control circuit, motor circuit, safety, testing.

AN ACCESSION NUMBER: TC014257 ETS 8510.
TI TITLE: Student Occupational Competency Achievement Testing: Horticulture.
AU INSTITUTIONAL AUTHOR: National Occupational Competency Testing Institute, Big Rapids, MI.
AV AVAILABILITY: National Occupational Competency Testing Institute; 409 Bishop Hall, Ferris State University, Big Rapids, MI 49307.
GL GRADE LEVEL: 9; 10; 11; 12; Higher Education.
NT NOTES:
TIME: 360.
ITEMS: 158.
AB ABSTRACT: This test is part of a program developed to evaluate secondary and postsecondary vocational students with a standardized, objective measure. Each test consists of a multiple choice portion covering factual knowledge, technical information, understanding of principles and problem solving abilities related to the occupation. A performance component samples manipulative skills required. A mental ability test is also available. The written test covers: floriculture, floristry, greenhouse management, arboriculture, landscaping, nursery, turf, vegetables, small fruits, tree fruits. The performance test covers: arboriculture, nursery, turf, small fruits, tree fruits, floriculutre, greenhouse, specialy areas of landscaping, floristry, or olericulture.

AN ACCESSION NUMBER: TC014256 ETS 8510.
TI TITLE: Student Occupational Competency Achievement Testing: Heating And Air Conditioning.
AU INSTITUTIONAL AUTHOR: National Occupational Competency Testing Institute, Big Rapids, MI.
AV AVAILABILITY: National Occupational Competency Testing Institute; 409 Bishop Hall, Ferris State University, Big Rapids, MI 49307.
GL GRADE LEVEL: 9; 10; 11; 12; Higher Education.
NT NOTES:
TIME: 360.
ITEMS: 170.
AB ABSTRACT: This test is part of a program developed to evaluate secondary and postsecondary vocational students with a standardized, objective measure. Each test consists of a multiple choice portion covering factual knowledge, technical information, understanding of principles and problem solving abilities related to the occupation. A performance component samples manipulative skills required. A mental ability test is also available. The written test covers: theory and fundamentals of air conditioning, oil heating and gas heating, installation and service of air conditioning, oil heating and gas heating equipment, electricity, heat pumps, solar heating, hydronic heating, psychometrics, air movement. The performance test requires the test taker to: troubleshoot and repair a cooling and/or a heating system and fabricate a heat exchanger.

AN ACCESSION NUMBER: TC014255 ETS 8510.
TI TITLE: Student Occupational Competency Achievement Testing: General Office.
AU INSTITUTIONAL AUTHOR: National Occupational Competency Testing Institute, Big Rapids, MI.
AV AVAILABILITY: National Occupational Competency Testing Institute; 409 Bishop Hall, Ferris State University, Big Rapids, MI 49307.
GL GRADE LEVEL: 9; 10; 11; 12; Higher Education.
NT NOTES:
TIME: 360.
ITEMS: 165.
AB ABSTRACT: This test is part of a program developed to evaluate secondary and postsecondary vocational students with a standardized, objective measure. Each test consists of a multiple choice portion covering factual knowledge, technical information, understanding of principles and problem solving abilities related to the occupation. A performance component samples manipulative skills required. A mental ability test is also available. The written test covers: business communications, personal business management for the executive, business dynamics, filing and records management, job seeking and behavior on the job, machine transcription, office recordkeeping, production typing, modern office technology. The performance test covers: office filing, machine calculation, tabulation, letter writing, forms preparation, envelope preparation.

AN ACCESSION NUMBER: TC014254 ETS 8510.
TI TITLE: Student Occupational Competency Achievement Testing: General Merchandising.
AU INSTITUTIONAL AUTHOR: National Occupational Competency Testing Institute, Big Rapids, MI.
AV AVAILABILITY: National Occupational Competency Testing Institute; 409 Bishop Hall, Ferris State University, Big Rapids, MI 49307.
GL GRADE LEVEL: 9; 10; 11; 12; Higher Education.
NT NOTES:
TIME: 220.
ITEMS: 150.
AB ABSTRACT: This test is part of a program developed to evaluate secondary and postsecondary vocational students with a standardized, objective measure. Each test consists of a multiple choice portion covering factual knowledge, technical information, understanding of principles and problem solving abilities related to the occupation. A performance component samples manipulative skills required. A mental ability test is also available. The written test covers: operations, merchandising, management, communication, human relations, sales. The performance test covers: product knowledge and selling, human relations and communications, mechanics of completing a sale and handling money.

AN ACCESSION NUMBER: TC014253 ETS 8510.
TI TITLE: Student Occupational Competency Achievement Testing: Drafting.
AU INSTITUTIONAL AUTHOR: National Occupational Competency Testing Institute, Big Rapids, MI.
AV AVAILABILITY: National Occupational Competency Testing Institute; 409 Bishop Hall, Ferris State University, Big Rapids, MI 49307.
GL GRADE LEVEL: 9; 10; 11; 12; Higher Education.
NT NOTES:
TIME: 360.
ITEMS: 120.
AB ABSTRACT: This test is part of a program developed to evaluate secondary and postsecondary vocational students with a standardized, objective measure. Each test consists of a multiple choice portion covering factual knowledge, technical information, understanding of principles and problem solving abilities related to the occupation. A performance component samples manipulative skills required. A mental ability test is also available. The written test covers: interpretation of drawings, machine drawing, architectural drawing, mathematical calculations, electrical/electronic drawing, sheet metal drawing, mapping and cartography, computer-assisted drawing. The performance test covers: production/detail, specialty areas of electrical, piping or architectural, orthographic projection, auxiliary, threads.

AN ACCESSION NUMBER: TC014252 ETS 8510.
TI TITLE: Student Occupational Competency Achievement Testing: Construction Masonry.
AU INSTITUTIONAL AUTHOR: National Occupational Competency Testing Institute, Big Rapids, MI.
AV AVAILABILITY: National Occupational Competency Testing Institute; 409 Bishop Hall, Ferris State University, Big Rapids, MI 49307.
GL GRADE LEVEL: 9; 10; 11; 12; Higher Education.
NT NOTES:
TIME: 375.
ITEMS: 145.
AB ABSTRACT: This test is part of a program developed to evaluate secondary and postsecondary vocational students with a standardized, objective measure. Each test consists of a multiple choice portion covering factual knowledge, technical information, understanding of principles and problem solving abilities related to the occupation. A performance component samples manipulative skills required. A mental ability test is also available. The written test covers: tools and equipment, masonry materials, fastening devices, blueprint reading, interpretation of measurements, building site layout, construction methods, fireplace construction, maintenance of masonry structures, specialty construction areas of bricklaying, blocklaying, or stone masonry, safety. The performance covers: layout techniques, tools and equipment, building materials, construction techniques, safety.

AN ACCESSION NUMBER: TC014251 ETS 8510.
TI TITLE: Student Occupational Competency Achievement Testing: Construction Electricity.
AU INSTITUTIONAL AUTHOR: National Occupational Competency Testing Institute, Big Rapids, MI.
AV AVAILABILITY: National Occupational Competency Testing Institute; 409 Bishop Hall, Ferris State University, Big Rapids, MI 49307.
GL GRADE LEVEL: 9; 10; 11; 12; Higher Education.
NT NOTES:
TIME: 360.
ITEMS: 195.
AB ABSTRACT: This test is part of a program developed to evaluate secondary and postsecondary vocational students with a standardized, objective measure. Each test consists of a multiple choice portion covering factual knowledge, technical information, understanding of principles and problem solving abilities related to the occupation. A performance component samples manipulative skills required. A mental ability test is also available. The written test covers: branch circuits, wiring methods, lighting, AC electricity, electronics, blueprints, planning, layout, transformers, AC motors and starters, heating and air conditioning, orientation, tools and equipment, low voltage. The performance test covers: planning and layout, wiring methods, service installation.

AN ACCESSION NUMBER: TC014250 ETS 8510.
TI TITLE: Student Occupational Competency Achievement Testing: Computer Programming.
AU INSTITUTIONAL AUTHOR: National Occupational Competency Testing Institute, Big Rapids, MI.
AV AVAILABILITY: National Occupational Competency Testing Institute; 409 Bishop Hall, Ferris State University, Big Rapids, MI 49307.
GL GRADE LEVEL: 9; 10; 11; 12; Higher Education.
NT NOTES:
TIME: 420.
ITEMS: 150.
AB ABSTRACT: This test is part of a program developed to evaluate secondary and postsecondary vocational students with a standardized, objective measure. Each test consists of a multiple choice portion covering factual knowledge, technical information, understanding of principles and problem solving abilities related to the occupation. A performance component samples manipulative skills required. A mental ability test is also available. The written test covers: operational information, design, flowcharting, operations, BASIC COBOL, RPG, related math, problem solving. The performance test covers: program design, coding, testing, output.

AN ACCESSION NUMBER: TC014249 ETS 8510.
TI TITLE: Student Occupational Competency Achievement Testing: Commercial Foods.
AU INSTITUTIONAL AUTHOR: National Occupational Competency Testing Institute, Big Rapids, MI.
AV AVAILABILITY: National Occupational Competency Testing Institute; 409 Bishop Hall, Ferris State University, Big Rapids, MI 49307.
GL GRADE LEVEL: 9; 10; 11; 12; Higher Education.
NT NOTES:
TIME: 360.
ITEMS: 184.

AN ACCESSION NUMBER: TC014247 ETS 8510.
TI TITLE: Student Occupational Competency Achievement Testing: Auto Mechanics.
AU INSTITUTIONAL AUTHOR: National Occupational Competency Testing Institute, Big Rapids, MI.
AV AVAILABILITY: National Occupational Competency Testing Institute; 409 Bishop Hall, Ferris State University, Big Rapids, MI 49307.
GL GRADE LEVEL: 9; 10; 11; 12; Higher Education.
NT NOTES:
TIME: 360.
ITEMS: 177.
AB ABSTRACT: This test is part of a program developed to evaluate secondary and postsecondary vocational students with a standardized, objective measure. Each test consists of a multiple choice portion covering factual knowledge, technical information, understanding of principles and problem solving abilities related to the occupation. A performance component samples manipulative skills required. A mental ability test is also available. The written test covers: engine tune-up, engine repair, brakes, electrical systems, front end, manual transmission/rear axle, heating/air conditioning, automatic transmissions. The performance test requires the testtaker to perform minor tune-up, maintain and repair electrical systems, maintain and repair brake system.

AN ACCESSION NUMBER: TC014246 ETS 8510.
TI TITLE: Student Occupational Competency Achievement Testing: Auto Body.
AU INSTITUTIONAL AUTHOR: National Occupational Competency Testing Institute, Big Rapids, MI.
AV AVAILABILITY: National Occupational Competency Testing Institute; 409 Bishop Hall, Ferris State University, Big Rapids, MI 49307.
GL GRADE LEVEL: 9; 10; 11; 12; Higher Education.
NT NOTES:
TIME: 360.
ITEMS: 160.
AB ABSTRACT: This test is part of a program developed to evaluate secondary and postsecondary vocational students with a standardized, objective measure. Each test consists of a multiple choice portion covering factual knowledge, technical information, understanding of principles and problem solving abilities related to the occupation. A performance component samples manipulative skills required. A mental ability test is also available. The written test covers: body preparation and painting, basic knowledge and terminology, math and science, hand tools and power tools, welding, safety, customer relations, soldering and brazing. The performance test covers: sheet metal repair, painting, welding panel construction.

AN ACCESSION NUMBER: TC014245 ETS 8510.
TI TITLE: Student Occupational Competency Achievement Testing: Agriculture Mechanics.
AU INSTITUTIONAL AUTHOR: National Occupational Competency Testing Institute, Big Rapids, MI.
AV AVAILABILITY: National Occupational Competency Testing Institute; 409 Bishop Hall, Ferris State University, Big Rapids, MI 49307.
GL GRADE LEVEL: 9; 10; 11; 12; Higher Education.
NT NOTES:
TIME: 360.
ITEMS: 175.
AB ABSTRACT: This test is part of a program developed to evaluate secondary and postsecondary vocational students with a standardized, objective measure. Each test consists of a multiple choice portion covering factual knowledge, technical information, understanding of principles and problem solving abilities related to the occupation. A performance component samples manipulative skills required. A mental ability test is also available. The written test covers: agricultural power and machinery, agricultural mechanic skills, agricultural electrical power and processing, agricultural structures, soil and water management, orientation and safety. The performance test covers: wheel bearings, electrical installation, oxyacetylene cutting, agricultural structures, farm level, shielded metal arc welding.

AN ACCESSION NUMBER: TC014244 ETS 8510.
TI TITLE: Student Occupational Competency Achievement Testing: Accounting/Bookkeeping.
AU INSTITUTIONAL AUTHOR: National Occupational Competency Testing Institute, Big Rapids, MI.
AV AVAILABILITY: National Occupational Competency Testing Institute; 409 Bishop Hall, Ferris State University, Big Rapids, MI 49307.
GL GRADE LEVEL: 9; 10; 11; 12; Higher Education.
NT NOTES:
TIME: 360.
ITEMS: 189.
AB ABSTRACT: This test is part of a program developed to evaluate secondary and postsecondary vocational students with a standardized, objective measure. Each test consists of a multiple choice portion covering factual knowledge, technical information, understanding of principles and problem solving abilities related to the occupation. A performance component samples manipulative skills required. A mental ability test is also available. The written test covers: sales and receivables, processing payroll and related records, cash receipts and cash payments, processing purchases and payables, inventory, operating mechanical and electronic accounting devices, filing and records management, completing the accounting cycle, performing general office functions, obtaining employment as an

accounting/computing clerk. The performance test covers: journalizing business transactions, posting from specialized journals, payroll procedures, worksheet and statement preparation, locating source data, banking and banking procedures.

AN ACCESSION NUMBER: TC014124 ETS 8602.
TI TITLE: Student Occupational Competency Achievement Testing.
AU INSTITUTIONAL AUTHOR: National Occupational Competency Testing Institute, Big Rapids, MI.
AV AVAILABILITY: National Occupational Competency Testing Institute; 409 Bishop Hall, Ferris State University, Big Rapids, MI 49307.
GL GRADE LEVEL: 9; 10; 11; 12; Higher Education.
NT NOTES:
TIME: 180.
ITEMS: 150.
AB ABSTRACT: A program for evaluting secondary and postsecondary vocational students with a standard, objective measure. Each test consists of a multiple choice portion covering factual knowledge, technical information, understanding of principles, and problem-solving abilities related to the occupation. A performance component samples manipulative skills required. A mental ability test is also available. Currently, tests are available in: Accounting/Bookkeeping, Agriculture Mechanics, Auto Body, Auto Mechanics, Carpentry, Commercial Foods, Computer Programming, Construction Electricity, Construction Masonry, Drafting, General Merchandising, General Office, Heating and Air Conditioning, Horticulture, Industrial Electricity, Industrial Electronics, Machine Trades, Plumbing, Practical Nursing, Printing, Radio and TV Repair, Refrigeration, Sewn Products, Small Engine Repair, Welding. Test results can be presented to employers as a credential, used by teachers for grading, used by vocational administrators for program evaluation. Currently, exams are being developed in: Banking, Savings and Loan; Cabinetmaking; Medical Assistant; Production Agriculture; and Truck and Bus Mechanics.

AN ACCESSION NUMBER: TC013673 ETS 8503.
TI TITLE: APTICOM.
AU INSTITUTIONAL AUTHOR: Vocational Research Institute, Philadelphia, PA.
YR YEAR: 84.
AV AVAILABILITY: Vocational Research Institute; Jewish Employment and Vocational Service, 2100 Arch Street, 6th Floor, Philadelphia, PA 19103.
TG TARGET AUDIENCE: Adults.
NT NOTES:
TIME: 60.
AB ABSTRACT: APTICOM, developed by the Vocational Research Institute, is a computerized, desktop console designed specifically for assessing aptitudes and job interests. It is intended for use in

the vocational guidance and counseling process and in employment and training selection and placement. The tests were designed to measure aptitude constructs which have been related to occupational success using the Department of Labor's defined aptitudes. They are: Intelligence; General Learning Ability, Verbal Aptitude, Numerical Aptitude, Spatial Aptitude, Form Perception, Clerical Perception, Motor Coordination, Finger Dexterity, Manual Dexterity, and Eye-Hand-Foot Coordination. APTICOM is computerized and is self-scoring and self-timing, portable, and can be administered individually or up to 12 people at one time. The APTICOM Occupational Interest Inventory provides schools, rehabilitation, industry, and job training programs with an interest measure that stimulates examinees' enthusiasm, minimizes time requirements, and is computerized. When both the aptitude and interest inventories are administered, the results are a means of initiating occupational exploration with information refined to the level of the Department of Labor Work Groups. The APTICOM Report gives aptitude scores and Occupational Aptitude Patterns (OAPs) based on these scores. It also gives interest scores and the interest areas related to these scores. The Occupational Interest Inventory Report reveals the degree of interest indicated by the test taker and an individual profile is generated showing the interest in various work tasks as compared to the normative sample. The final portion of the report lists those areas of employment in which the applicant has shown both the required aptitude and high interest.

AN ACCESSION NUMBER: TC013656 ETS 8502.
TI TITLE: Ohio Vocational Achievement Tests: Small Engine Repair.
DT SUBTESTS: Tools and Fasteners; Fuel and Exhaust Systems; Cooling and Lubrication Systems; Short Block and Governor Systems; Charging and Electrical Systems; Starting Systems; Mechanics Mathematics; Ignition Systems; Valve Train Systems; Troubleshooting; Law and Garden Equipment; Motorcycle Equipment; Marine Equipment; Snowmobile Equipment; Business and Shop Operators.
AU INSTITUTIONAL AUTHOR: Ohio State Department of Education, Division of Vocational Education.
YR YEAR: 83.
AV AVAILABILITY: Ohio State University; Instructional Materials Laboratory, 1885 Neil Avenue, Columbus, OH 43210.
GL GRADE LEVEL: 11; 12.
NT NOTES:
TIME: 240; approx.
ITEMS: 369.
AB ABSTRACT: For use in the evaluation and diagnosis of vocational achievement. Developed to measure skills and understandings in specific vocational areas. Items measure ability to: solve problems, analyze data, recall facts, have a knowledge of principles, react to generalizations, use abstractions in specific situations and form parts into complete structures. Administered with the California Short Form Test of Academic Aptitude (TC 005 919 - 005 923).

AN ACCESSION NUMBER: TC013655 ETS 8502.
TI TITLE: Ohio Vocational Achievement Tests: Apparel and Accessories.
AU INSTITUTIONAL AUTHOR: Ohio State Department of Education, Division of Vocational Education.
YR YEAR: 82.
AV AVAILABILITY: Ohio State University; Instructional Materials Laboratory, 1885 Neil Avenue, Columbus, OH 43210.
GL GRADE LEVEL: 11; 12.
NT NOTES:
TIME: 240; approx.
ITEMS: 386.
AB ABSTRACT: For use in the evaluation and diagnosis of vocational achievement. Developed to measure skills and understandings in specific vocational areas. Items measure ability to: solve problems, analyze data, recall facts, have a knowledge of principles, react to generalizations, use abstractions in specific situations and form parts into complete structures. Administered with the California Short Form Test of Academic Aptitude (TC 005 919 - 005 923).

AN ACCESSION NUMBER: TC013654 ETS 8502.
TI TITLE: Ohio Vocational Achievement Tests: Word Processing.
DT SUBTESTS: Typing and Transcription; Reprographics; Word Processing Concepts and Procedures; Business Transactions; Proofreading and Editing; Automated Word Processing Equipment; Receptionist Duties; Composition and Dictation; Records Management; Employment Procedures.
AU INSTITUTIONAL AUTHOR: Ohio State Department of Education, Division of Vocational Education.
YR YEAR: 82.
AV AVAILABILITY: Ohio State University; Instructional Materials Laboratory, 1885 Neil Avenue, Columbus, OH 43210.
GL GRADE LEVEL: 11; 12.
NT NOTES:
TIME: 240; approx.
ITEMS: 373.
AB ABSTRACT: For use in the evaluation and diagnosis of vocational achievement. Developed to measure skills and understandings in specific vocational areas. Items measure ability to: solve problems, analyze data, recall facts, have a knowledge of principles, react to generalizations, use abstractions in specific situations and form parts into complete structures. Administered with the California Short Form Test of Academic Aptitude (TC 005 919 - 005 923).

AN ACCESSION NUMBER: TC013652 ETS 8502.
TI TITLE: Ohio Vocational Achievement Tests: Production Agriculture.
DT SUBTESTS: Beef Production; Small Grain Production; Sheep Production; Soybean Production; Crop Chemical Application; Agricultural Construction; Operator Equipment Maintenance; Diary Production; Corn Production; Swine Production; Forage Production; Employment Procedures.
AU INSTITUTIONAL AUTHOR: Ohio State Department of Education, Division of Vocational Education.
YR YEAR: 82.
AV AVAILABILITY: Ohio State University; Instructional Materials Laboratory, 1885 Neil Avenue, Columbus, OH 43210.
GL GRADE LEVEL: 11; 12.
NT NOTES:
TIME: 240; approx.
ITEMS: 393.
AB ABSTRACT: For use in the evaluation and diagnosis of vocational achievement. Developed to measure skills and understandings in specific vocational areas. Items measure ability to: solve problems, analyze data, recall facts, have a knowledge of principles, react to generalizations, use abstractions in specific situations and form parts into complete structures. Administered with the California Short Form Test of Academic Aptitude (TC 005 919 - 005 923).

AN ACCESSION NUMBER: TC013482 ETS 8502.
TI TITLE: Small Parts Assembler Work Sample.
AU INSTITUTIONAL AUTHOR: Shawsheen Valley Regional Vocational-Technical High School, Billerica, Mass.
YR YEAR: 79.
AV AVAILABILITY: ERIC Document Reproduction Service; 3900 Wheeler Ave., Alexandria, VA 22304 (ED 236 432; 29 pages).
GL GRADE LEVEL: 9; 10; 11; 12.
NT NOTES:
AB ABSTRACT: The Small Parts Assembler Work Sample is intended to assess a handicapped student's interest in and potential to enter a training program in small parts assembly or in a similar job. The sample involves light to medium work and can be done by a two-armed person with good eyesight from a chair or wheelchair. Time is not a factor in scoring this work sample but is kept for informational purposes. only.

AN ACCESSION NUMBER: TC013479 ETS 8502.
TI TITLE: Electronics Assembly Work Sample.
AU INSTITUTIONAL AUTHOR: Shawsheen Valley Regional Vocational-Technical High School, Billerica, Mass.
YR YEAR: 79.
AV AVAILABILITY: ERIC Document Reproduction Service; 3900 Wheeler Ave., Alexandria, VA 22304 (ED 236 429; 26 pages).
GL GRADE LEVEL: 9; 10; 11; 12.
NT NOTES:
AB ABSTRACT: The Electronics Assembler Work Sample is intended to assess a handicapped student's interest in and potential to enter a training program in electronics assembly or a similar program. The sample involves sedentary work and can be done by a two-armed person from a chair or wheelchair. Time is not a factor in this work sample.

AN ACCESSION NUMBER: TC013478 ETS 8502.
TI TITLE: Electrical Wiring Work Sample.
AU INSTITUTIONAL AUTHOR: Shawsheen Valley Regional Vocational-Technical High School, Billerica, Mass.
YR YEAR: 79.
AV AVAILABILITY: ERIC Document Reproduction Service; 3900 Wheeler Ave., Alexandria, VA 22304 (ED 236 428; 27 pages).
GL GRADE LEVEL: 9; 10; 11; 12.
NT NOTES:
AB ABSTRACT: The Electrical Work Sample is intended to assess a handicapped student's interest in and to screen interested students into a training program in basic electricity. The work sample involves light work and must be performed by a person with both hands or one who has equivalent manual and finger dexterity from a chair or wheelchair. The work sample is timed. The test is to wire an electrical duplex outlet.

AN ACCESSION NUMBER: TC013477 ETS 8502.
TI TITLE: Drill Press Work Sample.
AU INSTITUTIONAL AUTHOR: Shawsheen Valley Regional Vocational-Technical High School, Billerica, Mass.
YR YEAR: 79.
AV AVAILABILITY: ERIC Document Reproduction Service; 3900 Wheeler Ave., Alexandria, VA 22304 (ED 236 427; 27 pages).
GL GRADE LEVEL: 9; 10; 11; 12.
NT NOTES:
AB ABSTRACT: The Drill Press Work Sample is intended to assess a student's interest in and screen interested students into a training program in Basic Machine Shop I. The sample involves light work and must be performed by a person with both hands or one who has equivalent manual and finger dexterity from a chair or wheelchair. The sample is timed.

AN ACCESSION NUMBER: TC013476 ETS 8502.
TI TITLE: Drafting Work Sample.
AU INSTITUTIONAL AUTHOR: Shawsheen Valley Regional Vocational-Technical High School, Billerica, Mass.
YR YEAR: 79.
AV AVAILABILITY: ERIC Document Reproduction Service; 3900 Wheeler Ave., Alexandria, VA 22304 (ED 236 426; 31 pages).
GL GRADE LEVEL: 9; 10; 11; 12.
NT NOTES:
AB ABSTRACT: The Drafting Work Sample is intended to assess a handicapped student's interest in and to screen interested students into a training program in basic mechanical drawing. The sample involves sedentary work and must be performed by a person with both hands or one who has equivalent manual and finger dexterity from a chair or wheelchair. This sample is limited to a right-handed student; a left-handed drafting machine must be substituted if the student is left-handed. The work sample is timed.

AN ACCESSION NUMBER: TC013475 ETS 8502.
TI TITLE: Color Discrimination Work Sample.
AU INSTITUTIONAL AUTHOR: Shawsheen Valley Regional Vocational-Technical High School, Billerica, Mass.
YR YEAR: 79.
AV AVAILABILITY: ERIC Document Reproduction Service; 3900 Wheeler Ave., Alexandria, VA 22304 (ED 236 425; 21 pages).
GL GRADE LEVEL: 9; 10; 11; 12.
NT NOTES:
AB ABSTRACT: The Color Discrimination Work Sample is intended to assess a handicapped student's ability to see likenesses or differences in colors or shades, by identifying or matching certain colors and selecting colors which go together. The sample can be

done by a one- or two-armed person from a chair or wheelchair. The sample is timed from the moment the student signifies that the instructions are understood and begins until the student signifies that the sample is completed.

AN ACCESSION NUMBER: TC013472 ETS 8502.
TI TITLE: Automotive Work Sample.
AU INSTITUTIONAL AUTHOR: Shawsheen Valley Regional Vocational-Technical High School, Billerica, Mass.
YR YEAR: 79.
AV AVAILABILITY: ERIC Document Reproduction Service; 3900 Wheeler Ave., Alexandria, VA 22304 (ED 236 422; 34 pages).
GL GRADE LEVEL: 9; 10; 11; 12.
NT NOTES:
AB ABSTRACT: The Automotive Mechanic Assistant Work Sample II is intended to assess a handicapped student's interest in, and potential to successfully pass a Training Program in Automotive Mechanics or in a similar automotive job. The work sample is timed from the moment the student signifies that he/she understands the instructions and picks up the first tool or piece of equipment and indicates that he/she is ready to begin the removal phase, until the last tool or piece of equipment needed for the replacement phase is finished and then the student indicates completion. This work sample deals with oil filters and the student is to replace the old filter with a new one. The sample involves physical demands and must be done by a two-armed person standing in front of the work sample.

AN ACCESSION NUMBER: TC013471 ETS 8502.
TI TITLE: Automobile Mechanic Assistant Work Sample.
AU INSTITUTIONAL AUTHOR: Shawsheen Valley Regional Vocational-Technical High School, Billerica, Mass.
YR YEAR: 79.
AV AVAILABILITY: ERIC Document Reproduction Service; 3900 Wheeler Ave., Alexandria, VA 22304 (ED 236 421; 40 pages).
GL GRADE LEVEL: 9; 10; 11; 12.
NT NOTES:
AB ABSTRACT: The Automobile Mechanic Assistant Work Sample is intended to assess a handicapped student's interest in and potential to successfully pass a Training Program in Automotive Mechanics or in a similar automotive job. On this Work Sample, the student is to look over and inspect the thermostat housing to intake manifold set-up. The student is to remove the thermostat housing, gasket, and thermostat in order to replace a new thermostat in the intake manifold. The sample involves physical demands and must be done by a two-armed person standing in front of the work sample. The work sample is timed from the moment the student signifies he/she is ready to begin until the last tool needed is put down and he/she indicates completion.

AN ACCESSION NUMBER: TC013204 ETS 8502.
TI TITLE: Electricity Test, Form C.
AU INSTITUTIONAL AUTHOR: South Carolina State Dept. of Education, Columbia. Office of Vocational Education.
YR YEAR: 83.
AV AVAILABILITY: ERIC Document Reproduction Service; 3900 Wheeler Ave., Alexandria, VA 22304 (ED 234 166; 68 pages).
GL GRADE LEVEL: 9; 10; 11; 12.
NT NOTES:
ITEMS: 96.
AB ABSTRACT: This achievement test was constructed by a research coordinating unit for the secondary school vocational electricity programs in South Carolina. Two other forms were prepared for the program.

AN ACCESSION NUMBER: TC013203 ETS 8502.
TI TITLE: Electricity Test, Form B.
AU INSTITUTIONAL AUTHOR: South Carolina State Dept. of Education, Columbia. Office of Vocational Education.
YR YEAR: 83.
AV AVAILABILITY: ERIC Document Reproduction Service; 3900 Wheeler Ave., Alexandria, VA 22304 (ED 234 166; 68 pages).
GL GRADE LEVEL: 9; 10; 11; 12.
NT NOTES:
ITEMS: 102.
AB ABSTRACT: This achievement test was constructed by a research coordinating unit for the secondary school vocational electricity programs in South Carolina. Two other forms were prepared for the program.

AN ACCESSION NUMBER: TC013202 ETS 8502.
TI TITLE: Electricity Test, Form A.
AU INSTITUTIONAL AUTHOR: South Carolina State Dept. of Education, Columbia. Office of Vocational Education.
YR YEAR: 83.
AV AVAILABILITY: ERIC Document Reproduction Service; 3900 Wheeler Ave., Alexandria, VA 22304 (ED 234 166; 68 pages).
GL GRADE LEVEL: 9; 10; 11; 12.
NT NOTES:
ITEMS: 96.
AB ABSTRACT: This achievement test was constructed by a research coordinating unit for the secondary school vocational electricity programs in South Carolina. Two other forms were prepared for the program.

AN ACCESSION NUMBER: TC013011 ETS 8502.
TI TITLE: Vocational Competency Measures: Agricultural Chemicals Applications Technician.
AU INSTITUTIONAL AUTHOR: American Institutes for Research, Palo Alto, CA.
YR YEAR: 83.
AV AVAILABILITY: American Institute for Research in Behavioral Sciences (AIRBS); P.O. Box 1113, Palo Alto, CA 94302.
TG TARGET AUDIENCE: AGE 12-17, Adults.
NT NOTES: This test is not available except as photocopy made on an individual request basis from AIRBS.
AB ABSTRACT: Designed to help teachers and administrators at secondary and postsecondary levels assess and improve competencies of their students in vocational education, to identify areas for program improvement, and to inform prospective employers of students' vocational competencies. Also useful for employers to screen and select new employees and to assess training needs of present employees. Test package consists of a two-part multiple-choice job information test, each part taking about 45 minutes to complete; a performance test consisting of tests which represent tasks similar to those performed on the job; and a work habits inventory for assessing non-technical, work-related attitudes and behavior. Intended for people completing vocational training in the field of agriculture and preparing to work in the more specialized area of agricultural chemicals, either in the marketing and distribution of such chemicals or in the actual application of the chemicals on the farm. The job information test consists of 106 items and covers safety, consulting and problem recognition, chemical mixing and disposal, equipment set up and operation, clerical-customer service. The nine performance tests require examinee to select and use protective clothing, identify broadleaf and narrowleaf weeds, calculate amount of pesticide to apply, prepare a billing form, calibrate a liquid spray applicator, operate a liquid spray application, clean it for storage, store chemicals safely, and rinse and empty pesticide containers.

AN ACCESSION NUMBER: TC013010 ETS 8502.
TI TITLE: Vocational Competency Measures: Custom Sewing.
AU INSTITUTIONAL AUTHOR: American Institutes for Research, Palo Alto, CA.
YR YEAR: 83.
AV AVAILABILITY: American Institute for Research in Behavioral Sciences (AIRBS); P.O. Box 1113, Palo Alto, CA 94302.
TG TARGET AUDIENCE: AGE 12-17, Adults.
NT NOTE: This test is not available except as a photocopy made on an individual request basis from AIRBS.
AB ABSTRACT: Designed to help teachers and administrators at secondary and postsecondary levels assess and improve competencies of their students in vocational education, to identify areas for program improvement, and to inform prospective employers of students'

vocational competencies. Also useful for employers to screen and select new employees and to assess training needs of present employees. Test package consists of a two-part multiple-choice job information test, each part taking about 45 minutes to complete; a performance test consisting of tests which represent tasks similar to those performed on the job; and a work habits inventory for assessing non-technical, work-related attitudes and behavior. Intended for persons in noninductrial sewing programs at secondary or postsecondary level. Test is not designed for those completing four-year fashion design or industrial sewing programs. Job information test consists of 101 items and covers general fashion knowledge and sewing. The six performance tests require examinee to take body measurements, determine figure type and size, construct a double-pointed dart, sew seams, adjust a blouse pattern to increase bustline, insert a front fly zipper.

AN ACCESSION NUMBER: TC012922 ETS 8502.
TI TITLE: Industrial Arts Test Development, Woods.
DT SUBTESTS: Wood Products; Housing.
AU INSTITUTIONAL AUTHOR: New York State Education Dept., Albany, Bureau of Industrial Arts Education.
YR YEAR: 73.
AV AVAILABILITY: ERIC Document Reproduction Service; 3900 Wheeler Ave., Alexandria, VA 22304 (ED 109 457; 192 pages).
GL GRADE LEVEL: 9; 10; 11; 12.
NT NOTES:
ITEMS: 176.
AB ABSTRACT: This collection of sample questions is intended primarily for use by secondary level teachers. The items may be used for pretesting, quizzes, or for final examinations. The items are organized around the woods area of the industrial arts curriculum. The questions are not meant to be complete examinations; rather, the items are offered as a resource with selection and use to be determined by the teacher. The items in the Wood Products section cover: design and planning, hand tools and fixed machines, forestry, joinery, fasteners, mass production, finishes, and industrial organization. In the Housing section, the areas covered are: design and planning, hand tools and portable machines, lumber, panels and boards, millwork and hardware, reconstruction and maintenance, and careers and industry.

AN ACCESSION NUMBER: TC012921 ETS 8502.
TI TITLE: Industrial Arts Test Development, Power Mechanics.
DT SUBTESTS: Small Engines; Vehicle Power.
AU INSTITUTIONAL AUTHOR: New York State Education Dept., Albany, Bureau of Industrial Arts Education.
YR YEAR: 73.
AV AVAILABILITY: ERIC Document Reproduction Service; 3900 Wheeler Ave., Alexandria, VA 22304 (ED 109 457; 192 pages).

GL GRADE LEVEL: 9; 10; 11; 12.
NT NOTES:
ITEMS: 152.
AB ABSTRACT: This collection of sample questions is intended primarily for use by secondary level teachers. The items may be used for pretesting, quizzes, or for final examinations. They are organized around the power mechanics area of the industrial arts curriculum. The questions are not meant to be complete examinations; rather, the items are offered as a resource with selection and use to be determined by the teacher. The items covered in the Small Engines section are: construction, fuel systems, lubrication, cooling systems, ignition systems, care and maintenance, power transmission, and industry and careers. In the Vehicle Power section, the areas covered are: gasoline engines, diesel engines, rotary engines, maintenance, power transmission, and industrial organization.

AN ACCESSION NUMBER: TC012920 ETS 8502.
TI TITLE: Industrial Arts Test Development, Electricity/Electronics.
DT SUBTESTS: Electricity; Electronics.
AU INSTITUTIONAL AUTHOR: New York State Education Dept., Albany, Bureau of Industrial Arts Education.
YR YEAR: 73.
AV AVAILABILITY: ERIC Document Reproduction Service; 3900 Wheeler Ave., Alexandria, VA 22304 (ED 109 457; 192 pages).
GL GRADE LEVEL: 9; 10; 11; 12.
NT NOTES:
ITEMS: 159.
AB ABSTRACT: This collection of sample questions is intended primarily for use by secondary level teachers. The items may be used for pretesting, quizzes, or for final examinations. They are organized around the electricity and electronics area of the industrial arts curriculum. The questions are not meant to be complete examinations; rather, the items are offered as a resource with selection and use to be determined by the teacher. The items cover theory, measurement, circuitry, motors, light-heat, batteries and generators, power generation and transmission, industrial organization, in the Electricity section. In the Electronis section, the areas covered are science review, meters and instruments, inductance and capacitance, tubes and semiconductors, amplifiers - oscillators, radio and television, controls and computers, and careers and industry.

AN ACCESSION NUMBER: TC012919 ETS 8502.
TI TITLE: Industrial Arts Test Development, Drawing.
DT SUBTESTS: Developmental Drawing; Production Drawing.
AU INSTITUTIONAL AUTHOR: New York State Education Dept., Albany, Bureau of Industrial Arts Education.
YR YEAR: 73.
AV AVAILABILITY: ERIC Document Reproduction Service; 3900 Wheeler Ave.,

Alexandria, VA 22304 (ED 109 457; 192 pages).
GL GRADE LEVEL: 9; 10; 11; 12.
NT NOTES:
ITEMS: 187.
AB ABSTRACT: This collection of sample questions is intended primarily for use by secondary level teachers. The items may be used for pretesting, quizzes, or for final examinations. They are organized around the drawing area of industrial arts curriculum. The questions are not meant to be complete examinations; rather, the items are offered as a resource, with selection and use to be determined by the teacher. The items cover preparation, sketching, working drawing, charts, graphs, maps, flat developments, construction, careers, jigs and fixtures, fasteners, machine parts, assemblies, power transmission, manufacturing, and production personnel.

AN ACCESSION NUMBER: TC012622 ETS 8502.
TI TITLE: Vocational Competency Measures: Apparel Scales.
AU INSTITUTIONAL AUTHOR: American Institutes for Research, Palo Alto, CA.
YR YEAR: 83.
AV AVAILABILITY: American Institute for Research in Behavioral Sciences (AIRBS); P.O. Box 1113, Palo Alto, CA 94302.
TG TARGET AUDIENCE: AGE 12-17, Adults.
NT NOTES: This test is not available except as a photocopy made on an individual request basis from AIRBS.
AB ABSTRACT: Designed to help teachers and administrators at secondary and postsecondary levels assess and improve competencies of their students in vocational education, to identify areas for program improvement, and to inform prospective employers of students' vocational competencies. Also useful for employers to screen and select new employees and to assess training needs of present employees. Test package consists of a two-part multiple-choice job information test, each part taking about 45 minutes to complete; a performance test consisting of tests which represent tasks similar to those performed on the job; and a work habits inventory for assessing non-technical, work-related attitudes and behavior. Test is intended for persons in fashion apparel merchandising at the secondary or postsecondary level. It is not intended for individuals completing four-year fashion merchandising programs. The two parts of the job information test assess general fashion knowledge and sales knowledge. The performance test requires examinee to carry out following activities: take body measurements, determine figure type and size, complete layaway forms, close out a cash register, handle a customer complaint, complete an exchange or return, complete a sale, maintain a book inventory and takes approximately 180 minutes to complete.

AN ACCESSION NUMBER: TC012621 ETS 8502.
TI TITLE: Vocational Competency Measures: Wastewater Treatment Technician.
AU INSTITUTIONAL AUTHOR: American Institutes for Research, Palo Alto, CA.
YR YEAR: 83.
AV AVAILABILITY: American Institute for Research in Behavioral Sciences (AIRBS); P.O. Box 1113, Palo Alto, CA 94302.
TG TARGET AUDIENCE: AGE 12-17, Adults.
NT NOTES: This test is not available except as a photocopy made on an individual request basis from AIRBS.
AB ABSTRACT: Designed to help teachers and administrators at secondary and postsecondary levels assess and improve competencies of their students in vocational education, to identify areas for program improvement, and to inform prospective employers of students' vocational competencies. Also useful for employers to screen and select new employees and to assess training needs of present employees. Test package consists of a two-part multiple-choice job information test, each part taking about 45 minutes to complete; a performance test consisting of tests which represent tasks similar to those performed on the job; and a work habits inventory for assessing non-technical, work-related attitudes and behavior. Test package is intended for those completing vocational programs in wastewater treatment and who are preparing to work as technicians in wastewater treatment laboratories or plants. The job information test assesses knowledge of plant and equipment operation, record keeping, sampling and testing, inspection and calibration, plant and equipment maintenance. The tasks to be carried out on the performance test include using an air pack, measuring pH of plant influent, aligning pump coupling, performing MPN test to measure coliform bacteria, measuring dissolved oxygen (DO) of a sample, reading and recording thermometers and pressure gauges, deragging primary sludge pump. It takes approximately 100 minutes to complete the performance tests.

AN ACCESSION NUMBER: TC012620 ETS 8502.
TI TITLE: Vocational Competency Measures: Water Treatment Technician.
AU INSTITUTIONAL AUTHOR: American Institutes for Research, Palo Alto, CA.
YR YEAR: 83.
AV AVAILABILITY: American Institute for Research in Behavioral Sciences (AIRBS); P.O. Box 1113, Palo Alto, CA 94302.
TG TARGET AUDIENCE: AGE 12-17, Adults.
NT NOTES: This test is not available except as a photocopy made on an individual request basis from AIRBS.
AB ABSTRACT: Designed to help teachers and administrators at secondary and postsecondary levels assess and improve competencies of their students in vocational education, to identify areas for program improvement, and to inform prospective employers of students' vocational competencies. Also useful for employers to screen and

select new employees and to assess training needs of present employees. Test package consists of a two-part multiple-choice job information test, each part taking about 45 minutes to complete; a performance test consisting of tests which represent tasks similar to those performed on the job; and a work habits inventory for assessing non-technical, work-related attitudes and behavior. Test package is intended for those completing vocational programs in water treatment and who are preparing to work as technicians in water treatment laboratories or plants. The job information test assesses knowledge of plant and equipment operation, record keeping, sampling and testing, inspection and calibration, plant and equipment maintenance. The following activities are carried out for the performance tests: using an air mask, repairing a leaking chlorine cylinder, changing chart in flow recorder, checking dosage of fluoridator, performing a jar test to estimate optimum alum dosage, collecting grab sample of process control. It takes approximately 100 minutes to complete the performance tests.

AN ACCESSION NUMBER: TC012617 ETS 8502.
TI TITLE: Vocational Competency Measures: Fabric Scales.
AU INSTITUTIONAL AUTHOR: American Institutes for Research, Palo Alto, CA.
YR YEAR: 83.
AV AVAILABILITY: American Institute for Research in Behavioral Sciences (AIRBS); P.O. Box 1113, Palo Alto, CA 94302.
NT NOTES: This test is not available except as a photocopy made on an individual request basis from AIRBS.
TG TARGET AUDIENCE: AGE 12-17, Adults.
AB ABSTRACT: Designed to help teachers and administrators at secondary and postsecondary levels assess and improve competencies of their students in vocational education, to identify areas for program improvement, and to inform prospective employers of students' vocational competencies. Also useful for employers to screen and select new employees and to assess training needs of present employees. Test package consists of a two-part multiple-choice job information test, each part taking about 45 minutes to complete; a performance test consisting of tests which represent tasks similar to those performed on the job; and a work habits inventory for assessing non-technical, work-related attitudes and behavior. Test is specifically designed for individuals interested in fabric sales that combine knowledge of clothing construction with merchandising. Intended for those in retail merchandising programs at the secondary or postsecondary level rather than for those completing four-year fashion or textile marketing programs. The job information tests assess knowledge of general fashion, sales, and sewing. The performance test requires examinee to carry out the following: take body measurements, determine figure type and size, construct a double-pointed dart, sew seams, adjust a blouse pattern to increase

bustline, insert a front fly zipper, complete and exchange/return, close out a cash register, complete a sale, maintain a book inventory. The performance section takes approximately 245 minutes to complete.

AN ACCESSION NUMBER: TC012517 ETS 8502.
TI TITLE: Vocational Competency Measures: Farm Equipment Mechanics.
AU INSTITUTIONAL AUTHOR: American Institutes For Research, Palo Alto, CA.
YR YEAR: 83.
AV AVAILABILITY: American Institute for Research in Behavioral Sciences (AIRBS); P.O. Box 1113, Palo Alto, CA 94302.
TG TARGET AUDIENCE: AGE 12-17, Adults.
NT NOTES: This test is not available except as a photocopy made on an individual request basis from AIRBS.
AB ABSTRACT: Intended to assess those enrolled in or completing vocational or technical school programs in farm-equipment set-up or repair, usually those preparing to work in either dealers' service shops or on farms where equipment maintenance tasks are to be performed. Designed as a competency test in vocational programs, to assess gains in proficiency, to identify areas for program improvement or to advise prospective employers about job-related competencies of students, or to screen students for advanced standing. May also be used by employers to screen prospective employees or to compare competencies among applicants. Test package consists of a two-part, multiple-choice job information test, each part consisting of 54 items and requiring 45 minutes to complete; a performance section of 13 tests representative of actual on-the-job tasks, and a work habits inventory for assessing non-technical work-related attitudes and behavior. The job information test covers the following topics: engines and electrical; hydraulics; welding; assembly, adjustment, and repair of equipment.

AN ACCESSION NUMBER: TC012423 ETS 8502.
TI TITLE: Vocational Competency Measures: Word Processing Specialist.
AU INSTITUTIONAL AUTHOR: American Institutes for Research, Palo Alto, CA.
YR YEAR: 83.
AV AVAILABILITY: American Institute for Research in Behavioral Sciences (AIRBS); P.O. Box 1113, Palo Alto, CA 94302.
TG TARGET AUDIENCE: AGE 12-17, Adults.
NT NOTES: This test is not available except as a photocopy made on an individual request basis from AIRBS.
AB ABSTRACT: Used to assess job readiness of examinees who have completed vocational training at the secondary or postsecondary level as a word processing specialist. Measures readiness for an entry-level job. Examinee is expected to know how to perform standard operations which can be done on most word processors and to have a general understanding of the nature of a word processing

specialist's job. May be used by vocational educators as a competency test or to assess gains in proficiency. May be used by employers as a screening test for prospective employees. The test package consists of the following: a two-part, multiple-choice test of relevant job knowledge, each part taking approximately 45 minutes; a performance test consisting of samples of tasks comparable to those performed on the job; and a work habits inventory for assessing non-technical, work-related attitudes and habits. Two-part job knowledge test covers technical information, judgment, English usage, punctuation-usage, spelling, word division, and capitalization.

AN ACCESSION NUMBER: TC012422 ETS 8502.
TI TITLE: Vocational Competency Measures: Carpenter.
AU INSTITUTIONAL AUTHOR: American Institutes for Research, Palo Alto, CA.
YR YEAR: 83.
AV AVAILABILITY: American Institute for Research in Behavioral Sciences (AIRBS); P.O. Box 1113, Palo Alto, CA 94302.
TG TARGET AUDIENCE: AGE 12-17, Adults.
NT NOTES: This test is not available except as a photocopy made on an individual request basis from AIRBS.
AB ABSTRACT: Designed for those completing training in carpentry or residential construction programs at a vocational or technical school. May be used in vocational programs as a competency test, to assess gains in proficiency or to screen for advanced standing in a carpenter training program. May also be used by employers to screen for prospective employees or to compare competencies among applicants. The test package consists of a two-part, multiple-choice job information test, each part taking approximately 45 minutes; a performance test consisting of samples of tasks similar to those performed on a job; and a work habits inventory for assessing non- technical, work-related attitudes and behavior. Knowledge level test covers safety; terminology, knowledge of tools and materials; use of tools and equipment; measurement and computation; concrete work, foundation layout, construction of forms; layout, framing construction, and finishing.

AN ACCESSION NUMBER: TC012421 ETS 8502.
TI TITLE: Vocational Competency Measures: Computer Operator.
AU INSTITUTIONAL AUTHOR: American Institutes for Research, Palo Alto, CA.
YR YEAR: 83.
AV AVAILABILITY: American Institute for Research in Behavioral Sciences (AIRBS); P.O. Box 1113, Palo Alto, CA 94302.
TG TARGET AUDIENCE: AGE 12-17, Adults.
NT NOTES: This test is not available except as a photocopy made on an individual request basis from AIRBS.
AB ABSTRACT: Use to assess job reading of those who have completed

training at the secondary or postsecondary level as computer operators. Measures readiness for an entry level job and includes knowing how to set up and load equipment, how to run programs, what to do when a problem arises, and a general understanding of the overall data processing operation. Vocational educators may use test as a competency measure, to assess gains in proficiency or to screen for advanced standing in a computer operator training program. May also be used to screen prospective applicants or to compare competencies among applicants. Test package consists of a two-part, multiple-choice job knowledge test, each part taking approximately 45 minutes and consisting of 56 items each; a performance test of tasks comparable to those on the job; and a work habits inventory for assessing non-technical, work-related attitudes and habits. The job knowledge test covers general concepts, storage media, peripherals, routine operations, troubleshooting, auxiliary equipment, and the computer operator's job.

AN ACCESSION NUMBER: TC012420 ETS 8502.
TI TITLE: Vocational Competency Measures: Diesel Mechanic.
AU INSTITUTIONAL AUTHOR: American Institutes for Research, Palo Alto, CA.
YR YEAR: 83.
AV AVAILABILITY: American Institute for Research in Behavioral Sciences (AIRBS); P.O. Box 1113, Palo Alto, CA 94302.
TG TARGET AUDIENCE: AGE 12-17, Adults.
NT NOTES: This test is not available except as a photocopy made on an individual request basis from AIRBS.
AB ABSTRACT: Used to assess job readiness of examinees who have completed vocational training at the secondary or postsecondary level in diesel mechanics and are preparing to work as apprentice diesel mechanics in repair shops. Focuses on diesel engines and is most relevant to engines used in heavy trucks. Measures readiness for entry-level job. Suitable for application to other diesel engines, including automotive, marine, farm, and stationary power generating. May be used by vocational educators as a competency test or to assess gains in proficiency. May also be used as a screening test for prospective employees. Test package consists of a two-part multiple-choice test of job relevant information, each part taking about 45 minutes; a performance test consisting of samples of tasks comparable to those done on a job; and a work habits inventory for assessing non-technical, work-related attitudes and habits. The knowledge test covers diesel theory, safety, and tool use; tests and inspections; engines; fuel systems; lubrication system; cooling system.

AN ACCESSION NUMBER: TC012364 ETS 8502.
TI TITLE: Vocational Competency Measures; Electronic Technician.
AU INSTITUTIONAL AUTHOR: American Institutes for Research, Palo Alto, CA.

YR YEAR: 83.
AV AVAILABILITY: American Institute for Research in Behavioral Sciences (AIRBS); P.O. Box 1113, Palo Alto, CA 94302.
GL GRADE LEVEL: 7; 8; 9; 10; 11; 12; Higher Education.
TG TARGET AUDIENCE: AGE 12-17, Adults.
NT NOTES: This test is not available except as a photocopy made on an individual request basis from AIRBS.
AB ABSTRACT: Used to help teachers and administrators at secondary and postsecondary levels assess and improve the competencies of vocational education students, identify program areas in need of improvement, and inform prospective employers of student competencies. May also be used by employers to screen and select new employees and to assess training needs of present employees. The test battery consists of three components. The Job Information Test is a multiple-choice test of job-relevant knowledge. It is divided into two parts, each of which takes about 45 minutes to complete. The performance test has 12 performance tasks which are similar to entry-level activities expected of an electronics technician. Examinees are not required to perform all 12 tasks. The Work Habits Inventory has three parts: one which students complete concerning their own traits, one in which students are asked to estimate the importance of job traits from the employer's point of view; and one completed by the teacher concerning students' work habits.

AN ACCESSION NUMBER: TC011817 ETS 8502.
TI TITLE: Singer Vocational Evaluation System.
AU INSTITUTIONAL AUTHOR: The Singer Company, Rochester, N.Y.
YR YEAR: 77.
AV AVAILABILITY: Singer Career Systems; 80 Commerce Drive, Rochester, NY 14623.
TG TARGET AUDIENCE: AGE 13-17, Adults.
AB ABSTRACT: Designed to provide vocational assessment and occupational exploration. Identifies vocational abilities, interests, and work tolerance for vocational training. "Hands-on" procedure is individualized and self-paced using real tools and equipment. Consists of a series of work sampling stations which represent several jobs found in the Dictionary of Occupational Titles (DOT), Work stations may be purchased separately. Stations include: Sample Making, Bench Assembly, Drafting, Electrical Wiring, Plumbing and Pipe Fitting, Woodworking, Air Conditioning and Refrigeration, Sales Processing, Needle Trades, Masonry, Sheet Metal Working, Cook Baker, Small Engine Service, Medical Service, Cosmetology, Data Calculation and Recording, Production Machine Operating, Household and Industrial Wiring, Filing Shipping and Receiving, Packaging and Materials Handling, Electronic Assembly, Welding and Brazing, Office Services, Typing Package, Basic Laboratory Analysis.

AN ACCESSION NUMBER: TC011429 ETS 8502.
TI TITLE: Ohio Vocational Achievement Tests.
AU INSTITUTIONAL AUTHOR: Ohio State Department of Education, Columbus. Div. of Vocational Education.
YR YEAR: 80.
AV AVAILABILITY: Ohio State University, Instructional Materials Laboratory; 1885 Neil Ave., Columbus, OH 43210.
GL GRADE LEVEL: 11; 12.
NT NOTES:
TIME: 240.
ITEMS: 300.
AB ABSTRACT: Thirty-four achievement tests for use in secondary schools offering vocational education cover: Agricultural Education, Business and Office Education, Distributive Education, Health Occupations, Home Economics, Trade and Industrial Education. Each has approximately 300 items. Developed to measure skills and understandings in specific vocational areas. Items measure ability to solve problems, analyze data, recall facts, have a knowledge of principles, react to generalizations, use abstractions in specific situations and form parts into complete structures. Administered with the California Short Form Test of Academic Aptitude (TC 005919 - 005923).

AN ACCESSION NUMBER: TC011401 ETS 8502.
TI TITLE: Ohio Vocational Achievement Tests: Home Economics Education, Fabric Services.
DT SUBTESTS: Alteration Specialist; Custom Dressmaker; Custom Tailor; Fabric Coordinator; Fashion Coordinator; Power Machine Operator; Dry Cleaner; Interior Design Specialist; Drapery Consultant; Drapery Maker; Drapery Installer; Slipcover Maker; Upholsterer; Refinisher; Careers and Employment.
AU INSTITUTIONAL AUTHOR: Ohio State Department of Education, Columbus. Div. of Vocational Education.
YR YEAR: 81.
AV AVAILABILITY: Ohio State University, Instructional Materials Laboratory; 1885 Neil Ave., Columbus, OH 43210.
GL GRADE LEVEL: 11; 12.
NT NOTES:
TIME: 240.
ITEMS: 371.
AB ABSTRACT: For use in the evaluation and diagnosis of vocational achievement. Developed to measure skills and understandings in specific vocational areas. Items measure ability to solve problems, analyze data, recall facts, have a knowledge of principles, react to generalizations, use abstractions in specific situations and form parts into complete structures. Administered with the California Short Form Test of Academic Aptitude (TC 005919 - 005923).

AN ACCESSION NUMBER: TC011396 ETS 8502.
TI TITLE: Ohio Vocational Achievement Tests: Graphic Communications, Lithographic Printing.
DT SUBTESTS: Layout and Design; Composing; Paste Up; Proofing; Camera and Film Processing; Stripping; Platemaking and Proofs; Off-set Presses; Finishing Operations.
AU INSTITUTIONAL AUTHOR: Ohio State Department of Education, Columbus. Div. of Vocational Education.
YR YEAR: 77.
AV AVAILABILITY: Ohio State University, Instructional Materials Laboratory; 1885 Neil Ave., Columbus, OH 43210.
GL GRADE LEVEL: 11; 12.
NT NOTES:
TIME: 240.
ITEMS: 318.
AB ABSTRACT: For use in the evaluation and diagnosis of vocational achievement. Developed to measure skills and understandings in specific vocational areas. Items measure ability to: solve problems, analyze data, recall facts, have a knowledge of principles, react to generalizations, use abstractions in specific situations and form parts into complete structures. Administered with the California Short Form Test of Academic Aptitude (TC 005 919 - 005923).

AN ACCESSION NUMBER: TC011395 ETS 8502.
TI TITLE: Ohio Vocational Achievement Tests: Graphic Communications, Drafting.
DT SUBTESTS: Geometric Drawing; Orthographic Projection; Pictorial Drawing; Sectional Views; Auxiliary Views; Drafting Materials, Equipment and Reproduction Methods; Dimensioning; Production/Working Drawings; Fastening Methods; Industrial Materials and Processes; Intersections and Developments; Mechanisms; Electrical Drawings; Architectural Drawings; Structural Drawings; Civil Engineering Drawings; Mathematics.
AU INSTITUTIONAL AUTHOR: Ohio State Department of Education, Columbus. Div. of Vocational Education.
YR YEAR: 78.
AV AVAILABILITY: Ohio State University, Instructional Materials Laboratory; 1885 Neil Ave., Columbus, OH 43210.
GL GRADE LEVEL: 11; 12.
NT NOTES:
TIME: 240.
ITEMS: 320.
AB ABSTRACT: For use in the evaluation and diagnosis of vocational achievement. Developed to measure skills and understandings in specific vocational areas. Items measure ability to: solve problems, analyze data, recall facts, have a knowledge of

principles, react to generalizations, use abstractions in specific situations and form parts into complete structures. Administered with the California Short Form Test of Academic Aptitude (TC 005 919 - 005923).

AN ACCESSION NUMBER: TC011394 ETS 8502.
TI TITLE: Ohio Vocational Achievement Tests: Graphic Communications, Commercial Art.
DT SUBTESTS: Drawing; Design; Illustration; Technique; Color; Drafting; Mechanical; Photography; Layout; Typography.
AU INSTITUTIONAL AUTHOR: Ohio State Department of Education, Columbus. Div. of Vocational Education.
YR YEAR: 80.
AV AVAILABILITY: Ohio State University, Instructional Materials Laboratory; 1885 Neil Ave., Columbus, OH 43210.
GL GRADE LEVEL: 11; 12.
NT NOTES:
TIME: 240.
ITEMS: 311.
AB ABSTRACT: For use in the evaluation and diagnosis of vocational achievement. Developed to measure skills and understandings in specific vocational areas. Items measure ability to: solve problems, analyze data, recall facts, have a knowledge of principles, react to generalizations, use abstractions in specific situations and form parts into complete structures. Administered with the California Short Form Test of Academic Aptitude (TC 005 919 - 005923).

AN ACCESSION NUMBER: TC011393 ETS 8502.
TI TITLE: Ohio Vocational Achievement Tests: Electronics, Industrial Electronics.
DT SUBTESTS: Orientation; D.C. Electricity; A.C. Electricity; Electron Tubes; Semi-Conductors; Schematic Drawings; Power Supplies; D.C. Timers; A.C. Timers; Heavy Current Conductors; Sequence Timers; Welding; Sensors; Heaters; Magnetics; Rotating Machinery; Servos; Logic Systems.
AU INSTITUTIONAL AUTHOR: Ohio State Department of Education, Columbus. Div. of Vocational Education.
YR YEAR: 74.
AV AVAILABILITY: Ohio State University, Instructional Materials Laboratory; 1885 Neil Ave., Columbus, OH 43210.
GL GRADE LEVEL: 11; 12.
NT NOTES:
TIME: 240.
ITEMS: 294.
AB ABSTRACT: For use in the evaluation and diagnosis of vocational achievement. Developed to measure skills and understandings in specific vocational areas. Items measure ability to: solve problems, analyze data, recall facts, have a knowledge of

principles, react to generalizations, use abstractions in specific situations and form parts into complete structures. Administered with the California Short Form Test of Academic Aptitude (TC 005 919 - 005923).

AN ACCESSION NUMBER: TC011388 ETS 8502.
TI TITLE: Ohio Vocational Achievement Tests: Construction Trades, Masonry.
DT SUBTESTS: Prepare Materials and Job Site; Lay Brick and Block to a Line; Lay Brick and Block with a Plumb Rule; Fireplaces and Chimneys; Arches; Miscellaneous Masonry Construction; Concrete Masonry; Surveying; Mathematics and Blueprint Reading; Personal Development.
AU INSTITUTIONAL AUTHOR: Ohio State Department of Education, Columbus. Div. of Vocational Education.
YR YEAR: 81.
AV AVAILABILITY: Ohio State University, Instructional Materials Laboratory; 1885 Neil Ave., Columbus, OH 43210.
GL GRADE LEVEL: 11; 12.
NT NOTES:
TIME: 240.
ITEMS: 319.
AB ABSTRACT: For use in the evaluation and diagnosis of vocational achievement. Developed to measure skills and understandings in specific vocational areas. Items measure ability to: solve problems, analyze data, recall facts, have a knowledge of principles, react to generalizations, use abstractions in specific situations and form parts into complete structures. Administered with the California Short Form Test of Academic Aptitude (TC 005 919 - 005923).

AN ACCESSION NUMBER: TC011383 ETS 8502.
TI TITLE: Ohio Vocational Achievement Tests; Business and Office Education, Data Processing.
DT SUBTESTS: Computer Systems; Clerical Procedures; Programming Languages; Human Relations; Automated Electronic D.P. Equipment; Flow Charting; Data Entry; Operations; Business Math/Accounting; Employment Procedures.
AU INSTITUTIONAL AUTHOR: Ohio State Department of Education, Columbus. Div. of Vocational Education.
YR YEAR: 81.
AV AVAILABILITY: Ohio State University, Instructional Materials Laboratory; 1885 Neil Ave., Columbus, OH 43210.
GL GRADE LEVEL: 11; 12.
NT NOTES:
TIME: 240.
ITEMS: 383.
AB ABSTRACT: For use in the evaluation and diagnosis of vocational achievement. Developed to measure skills and understandings in

specific vocational areas. Items measure ability to: solve problems, analyze data, recall facts, have a knowledge of principles, react to generalizations, use abstractions in specific situations and form parts into complete structures. Administered with the California Short Form Test of Academic Aptitude (TC 005 919 - 005923).

AN ACCESSION NUMBER: TC011382 ETS 8502.
TI TITLE: Ohio Vocational Achievement Tests: Business and Office Education, Clerk-Stenographer.
DT SUBTESTS: Dictation; Correspondence; Financial Records; Communications; Copy Reproduction; Record Management; Personal Development/Employment.
AU INSTITUTIONAL AUTHOR: Ohio State Department of Education, Columbus. Div. of Vocational Education.
YR YEAR: 81.
AV AVAILABILITY: Ohio State University, Instructional Materials Laboratory; 1885 Neil Ave., Columbus, OH 43210.
GL GRADE LEVEL: 11; 12.
NT NOTES:
TIME: 240.
ITEMS: 278.
AB ABSTRACT: For use in the evaluation and diagnosis of vocational achievement. Developed to measure skills and understandings in specific vocational areas. Items measure ability to: solve problems, analyze data, recall facts, have a knowledge of principles, react to generalizations, use abstractions in specific situations and form parts into complete structures. Administered with the California Short Form Test of Academic Aptitude (TC 005 919 - 005923).

AN ACCESSION NUMBER: TC011379 ETS 8502.
TI TITLE: Ohio Vocational Achievement Tests: Agricultural Education, Farm Management.
DT SUBTESTS: Plan and Supervise Work; Analyze Farm Records; Buildings and Structures; Finance Farm Operations; Maintain Inventory of Supplies; Plan Crop Enterprise; Market Farm Products; Plan Livestock Enterprise; Equipment and Machinery; General Management Duties; Employment Procedures.
AU INSTITUTIONAL AUTHOR: Ohio State Department of Education, Columbus. Div. of Vocational Education.
YR YEAR: 81.
AV AVAILABILITY: Ohio State University, Instructional Materials Laboratory; 1885 Neil Ave., Columbus, OH 43210.
GL GRADE LEVEL: 11; 12.
NT NOTES:
TIME: 240.
ITEMS: 334.
AB ABSTRACT: For use in the evaluation and diagnosis of vocational

achievement. Developed to measure skills and understandings in specific vocational areas. Items measure ability to: solve problems, analyze data, recall facts, have a knowledge of principles, react to generalizations, use abstractions in specific situations and form parts into complete structures. Administered with the California Short Form Test of Academic Aptitude (TC 005 919 - 005923).

AN ACCESSION NUMBER: TC011378 ETS 8502.
TI TITLE: Ohio Vocational Achievement Tests: Agricultural Education, Agricultural Mechanic.
DT SUBTESTS: Service and Repair Engines; Carburetion Systems; Diesel Engines; Cooling Systems; Hydraulic Systems; Brakes and Steering; Equipment Assembly; Charging Systems and Accessories; Cranking Systems; Ignition Systems; Power Trains and Transmissions; Metal Fabrication and Refinishing; Heating, Ventilation and Air Conditioning; Personal Development.
AU INSTITUTIONAL AUTHOR: Ohio State Department of Education, Columbus. Div. of Vocational Education.
YR YEAR: 81.
AV AVAILABILITY: Ohio State University, Instructional Materials Laboratory; 1885 Neil Ave., Columbus, OH 43210.
GL GRADE LEVEL: 11; 12.
NT NOTES:
TIME: 240.
ITEMS: 343.
AB ABSTRACT: For use in the evaluation and diagnosis of vocational achievement. Developed to measure skills and understandings in specific vocational areas. Items measure ability to: solve problems, analyze data, recall facts, have a knowledge of principles, react to generalizations, use abstractions in specific situations and form parts into complete structures. Administered with the California Short Form Test of Academic Aptitude (TC 005 919 - 005923).

AN ACCESSION NUMBER: TC010794 ETS 8502.
TI TITLE: Industrial Arts Aptitude Battery: Woodworking Test, Forms A&B.
DT SUBTESTS: Knowledge of Terms; Relationships; Comprehension and Problem Solving.
AU AUTHOR: Raff-Carl; Schrader-Lyle; Feltner-Kenneth-Roy; Hogan-Dale; Hogan-Kevin; Amburn-Elton.
AV AVAILABILITY: Bureau of Educational Measurements; Kansas State Teachers College, Emporia, KS 66801.
GL GRADE LEVEL: 7; 8; 9; 10; 11; 12; Higher Education.
NT NOTES:
ITEMS: 75.

AB ABSTRACT: Part of a battery including tests in metalworking, power mechanics and electricity-electronics. Multiple choice items, cover tool identification, tool-related analogies and woodworking related problem solving.

AN ACCESSION NUMBER: TC010790 ETS 8502.
TI TITLE: Sample Safety Test Item S.
AU INSTITUTIONAL AUTHOR: New York State Education Dept., Albany. Bureau of Industrial Arts Education.
YR YEAR: 80.
AV AVAILABILITY: ERIC Document Reproduction Service; 3900 Wheeler Ave., Alexandria, VA 22304 (ED 186 493; 28 pages).
NT NOTES:
ITEMS: 149.
AB ABSTRACT: A collection of sample test questions intended as a resource for developing teacher-made tests, based on course content.

AN ACCESSION NUMBER: TC010499 ETS 8502.
TI TITLE: Industrial Arts Test Development: Book 2: Resource Items For Ceramics, Graphic Arts, Metals, Plastics.
AU INSTITUTIONAL AUTHOR: New York State Education Dept., Albany. Bureau of Elementary And Secondary Educational Testing.
YR YEAR: 75.
AV AVAILABILITY: ERIC Document Reproduction Service, 3900 Wheeler Ave., Alexandria, VA 22304 (ED114424; 183 pages).
GL GRADE LEVEL: 7; 8; 9; 10; 11; 12.
NT NOTES:
ITEMS: 805.
AB ABSTRACT: Item bank for secondary school teachers intended primarily for their use as pretests, quizzes, or final exams. Most of the items are multiple choice type, some are completion, such as completing diagrams.

AN ACCESSION NUMBER: TC010201 ETS 8502.
TI TITLE: Industrial Arts Test Development: Resource Items For Drawing, Electricity, Electronics, Power Mechanics, Woods.
AU INSTITUTIONAL AUTHOR: New York State Education Dept., Albany. Bureau of Industrial Arts Education.
YR YEAR: 73.
AV AVAILABILITY: ERIC Document Reproduction Service, 3900 Wheeler Ave., Alexandria, VA 22210 (ED 109 457; 192 pages).
GL GRADE LEVEL: 7; 8; 9; 10; 11; 12.
NT NOTES:
ITEMS: 674.
AB ABSTRACT: Designed to assist teachers in improvement of locally

developed tests. Item bank from which secondary school teachers may choose selected questions for use as pretests; quizzes or final examinations. While most items are multiple choice type, some are completion (e.g. diagrams).

AN ACCESSION NUMBER: TC009131 ETS 8502.
TI TITLE: Auditory Automotive Mechanics Diagnostic Achievement Test.
AU AUTHOR: Swanson-Richard-Arthur.
YR YEAR: 68.
AV AVAILABILITY: ERIC Document Reproduction Service; 3900 Wheeler Ave., Alexandria, VA 22304 (ED154034; 125 pages).
TG TARGET AUDIENCE: Adults.
NT NOTES:
ITEMS: 44.
AB ABSTRACT: Designed to measure ability to diagnose malfunctions in automobiles using auditory clues.

AN ACCESSION NUMBER: TC009011 ETS 8502.
TI TITLE: Reading Test for Vocational Education.
DT SUBTESTS: Autosense; How to Change a Gasket; Communications; Television; The Drill Press; Sources of Electrical Energy.
AU AUTHOR: Weiss-Lucile.
YR YEAR: 76.
AV AVAILABILITY: Tests in Microfiche; Test Collection, Educational Testing Service, Princeton, NJ 08541.
GL GRADE LEVEL: 9; 10; 11; 12.
NT NOTES:
ITEMS: 300.
AB ABSTRACT: Designed to function as a screening procedure to identify students who lack academic skills but who, because of interest and knowledge in non-academic areas, will succeed in vocational education programs. It was developed to serve as an alternative to academically oriented tests used for screening purposes.

AN ACCESSION NUMBER: TC810579 ETS 8911.
TI TITLE: Personnel Tests for Industry: Numerical Test A, Metricated Version.
AU AUTHOR: Doppelt-Jerome-E.
YR YEAR: 76.
AV AVAILABILITY: NFER-Nelson Publishing Company; Darville House; 2 Oxford Road East, Windsor, Berks SL4 1DF, England.
TG TARGET AUDIENCE: Adults.
NT NOTES: For another version, see TC 002202.
TIME: 20.
ITEMS: 30.
AB ABSTRACT: This test is designed to assist in employee selection, training, placement, and promotion where knowledge of metric measurement is required. Based on the U.S. version. The test may

be group or individually administered. Contains practical problems that might be found in shops and plants. Norms are included for factory apprentices and trainees and students in vocational programs.

ETS TEST COLLECTION VIA INTERNET

The ERIC Clearinghouse on Assessment and Evaluation has mounted on its gopher site a database to help locate tests. This database can be used by accessing the gopher at the address: GOPHER.CUA.EDU. The ERIC/ETS Test Collection is located under: Special Resources/ ERIC Clearinghouse on Assessment and Evaluation/ Test Locator/.

To search the database, enter keywords from the title or descriptors. For example, if you would like to search for tests on oral language proficiency, you could type in all three words, or oral and proficiency. You may get slightly different results, but you will have information on a lot of tests to look at. If you know the title of the test, the best way to search is to use the main words in the title, not necessarily all of the words in the title. If you are looking for the Wechsler Intelligence Scale for Children-Revised, the most efficient way to search is with the words Wechsler, intelligence, and children.

INTRODUCTION TO THE ETS TEST COLLECTION

The Educational Testing Service (ETS) Test Collection database contains records on over 9,500 tests and research instruments. These records describe the instruments and provide availability information. The Test Collection encompasses virtually all fields from vocational interest inventories for adults to instruments that measure shyness or predict recidivism in released criminal offenders, to assessment of managerial style, as well as education-related achievement and aptitude tests. The test descriptions are indexed with ERIC Thesaurus terms for subject accessibility.

This is a joint project of ETS and ERIC_AE. ETS Library and Reference Services Division prepares the descriptions. ERIC_AE maintains the database and hosts the Search System. ERIC_AE has also begun to put ETS prepared test descriptions into the ERIC *Resources in Education* database. About 15 descriptions are added each month.

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You may download individual and small groups of test descriptions and you may point to this service from any Gopher Site.

WHAT KIND OF TEST ARE DESCRIBED?

The Test Collection database collects a variety of instruments: achievement tests, aptitude tests, personality measures, attitude measures, career/vocational interest measures, occupational tests such as nursing or sales skills inventories. Many research instruments are collected as well as tests from commercial publishers.

WHAT INFORMATION IS AVAILABLE ABOUT THE TESTS?

The title, author, publication date and source appear in the record. An abstract describing the instrument, intended population, and uses accompanies the record. Subject terms give the age and grade level information as well as ERIC Thesaurus terms that describe the test.

DOES THE TEST COLLECTION DATABASE REVIEW THE TESTS?

No, other reference guides such as Mental Measurements Yearbooks, Tests: A Comprehensive Reference for Assessments in Psychology, Education, and Business, and Test Critiques distributed by Pro-Ed fill that role. You can search the tables of contents for the MMY and Test Critiques through the ERIC_AE Gopher Site.

ARE ALL THE TESTS IN THE DATABASE CURRENTLY IN PRINT?

No, some of the items are out of print. We suggest contacting the publisher for permission to use out-of-print materials. Phone numbers can be located using another menu option on the ERIC_AE Gopher Site.

WHERE CAN I SEE THE ACTUAL TEST INSTRUMENTS?

Availability information is provided in the records. Many colleges and universities have test collections in their libraries. Talk to you local librarian for more information.

WHAT IS TESTS IN MICROFICHE?

Tests in Microfiche is a subcollection of unpublished research instruments that are available for purchase in microfiche from the ETS Test Collection. The collection includes instruments appropriate for diverse populations (infants, learning disabled, adults, etc.) Each set spans a wide range of topics such as job satisfaction and attitudes towards school. More than 800 tests are available.

DOES THE TEST COLLECTION PROVIDE REFERENCE SERVICES?

No, the descriptive information in the database should help answer most questions people may have. And the publisher of the particular test is the most competent source of information. You can, however, route general inquiries to ERIC_AE@CUA.EDU.

Ask_AE@cua.edu
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